

Package ‘charlatan’

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Type Package

Title Make Fake Data

Description Make fake data that looks realistic, supporting addresses, person names, dates, times, colors, coordinates, currencies, digital object identifiers ('DOIs'), jobs, phone numbers, 'DNA' sequences, doubles and integers from distributions and within a range.

Version 0.6.1

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URL <https://docs.ropensci.org/charlatan/>,
<https://github.com/ropensci/charlatan>

BugReports <https://github.com/ropensci/charlatan/issues>

LazyData true

Encoding UTF-8

Language en-US

VignetteBuilder knitr

Imports R6 (>= 2.2.0), tibble (>= 1.2), whisker

Suggests testthat, knitr, rmarkdown, ipaddress, stringi, spelling

RoxygenNote 7.3.2

Config/testthat/edition 3

Depends R (>= 2.10)

Collate 'address-provider-en_GB.R' 'address-provider-en_NZ.R'
'address-provider-en_US.R' 'address-provider-nl_NL.R'
'datetime-provider.R' 'address-provider.R'
'available_locales.R' 'available_providers.R' 'base-provider.R'
'charlatan-package.R' 'charlatan_settings.R'
'color-provider-en_US.R' 'color-provider-uk_UA.R'
'color-provider.R' 'color.R' 'company-provider-bg_BG.R'
'company-provider-cs_CZ.R' 'company-provider-de_DE.R'
'company-provider-en_US.R' 'company-provider-es_MX.R'

'company-provider-fa_IR.R' 'company-provider-fr_FR.R'
 'company-provider-hr_HR.R' 'company-provider-it_IT.R'
 'company-provider.R' 'company.R' 'coordinate-provider.R'
 'coordinates.R' 'credit_card-provider.R' 'credit_card.R'
 'currency-provider.R' 'currency.R' 'date_time.R'
 'doi-provider.R' 'doi.R' 'element-provider.R' 'elements.R'
 'file-provider.R' 'fraudster.R' 'generate.R' 'globals.R'
 'internet-provider-bg_BG.R' 'internet-provider-cs_CZ.R'
 'internet-provider-de_DE.R' 'internet-provider-en_AU.R'
 'internet-provider-en_NZ.R' 'internet-provider-en_US.R'
 'internet-provider-fa_IR.R' 'internet-provider-fr_FR.R'
 'internet-provider-hr_HR.R' 'internet-provider.R'
 'isbn-provider.R' 'job.R' 'jobs-provider-da_DK.R'
 'jobs-provider-en_US.R' 'jobs-provider-fa_IR.R'
 'jobs-provider-fi_FI.R' 'jobs-provider-fr_CH.R'
 'jobs-provider-fr_FR.R' 'jobs-provider-hr_HR.R'
 'jobs-provider-nl_NL.R' 'jobs-provider-pl_PL.R'
 'jobs-provider-ru_RU.R' 'jobs-provider-uk_UA.R'
 'jobs-provider-zh_TW.R' 'jobs-provider.R' 'languages.R'
 'lorem-provider-ar_AA.R' 'lorem-provider-el_GR.R'
 'lorem-provider-en_US.R' 'lorem-provider-he_IL.R'
 'lorem-provider-ja_JP.R' 'lorem-provider-la.R'
 'lorem-provider-ru_RU.R' 'lorem-provider-zh_CN.R'
 'lorem-provider-zh_TW.R' 'lorem-provider.R' 'misc-provider.R'
 'missing-data-provider.R' 'missing.R' 'name.R'
 'numerics-provider.R' 'numerics.R' 'onload.R'
 'person-provider-bg_BG.R' 'person-provider-cs_CZ.R'
 'person-provider-da_DK.R' 'person-provider-de_AT.R'
 'person-provider-de_DE.R' 'person-provider-en_GB.R'
 'person-provider-en_NZ.R' 'person-provider-en_US.R'
 'person-provider-es_ES.R' 'person-provider-es_MX.R'
 'person-provider-fa_IR.R' 'person-provider-fi_FI.R'
 'person-provider-fr_CH.R' 'person-provider-fr_FR.R'
 'person-provider-hr_HR.R' 'person-provider-it_IT.R'
 'person-provider-ja_JP.R' 'person-provider-ko_KR.R'
 'person-provider-lt_LT.R' 'person-provider-lv_LV.R'
 'person-provider-ne_NP.R' 'person-provider-nl_NL.R'
 'person-provider-no_NO.R' 'person-provider-pl_PL.R'
 'person-provider.R' 'phone_number.R'
 'phonenummer-provider-en.R' 'phonenummer-provider-es.R'
 'phonenummer-provider-fr.R' 'phonenummer-provider-nl.R'
 'phonenummer-provider-rest.R' 'phonenummer-provider.R'
 'sequence-provider.R' 'sequences.R' 'ssn-provider-all.R'
 'ssn-provider.R' 'ssn.R' 'taxonomy-provider-all.R'
 'taxonomy-provider.R' 'taxonomy.R' 'useragent-provider-all.R'
 'useragent-provider.R' 'zzz.R'

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Contents

charlatan-package	7
AddressProvider	8
AddressProvider_en_GB	10
AddressProvider_en_NZ	12
AddressProvider_en_US	13
AddressProvider_nl_NL	16
arabic-language	18
available_locales_df	18
available_providers	19
BareProvider	19
BaseProvider	22
bosnian-language	23
bulgarian-language	24
charlatan_locales	24
charlatan_settings	25
chinese-language	25
ch_color	26
ch_company	27
ch_credit	28
ch_currency	29
ch_doi	29
ch_generate	30
ch_gene_sequence	31
ch_job	31
ch_missing	32
ch_name	33
ch_phone_number	33
ch_ssn	34
ColorProvider	35
ColorProvider_en_US	36
ColorProvider_uk_UA	37

CompanyProvider	38
CompanyProvider_bg_BG	40
CompanyProvider_cs_CZ	41
CompanyProvider_de_DE	42
CompanyProvider_en_US	43
CompanyProvider_es_MX	44
CompanyProvider_fa_IR	45
CompanyProvider_fr_FR	46
CompanyProvider_hr_HR	47
CompanyProvider_it_IT	48
coordinates	49
croatian-language	49
czech-language	50
danish-language	50
DateTimeProvider	51
date_time	53
dutch-language	54
ElementProvider_en_US	54
ElementProvider_nl_NL	55
elements	56
english-language	57
farsi-language	57
FileProvider_en_US	58
finnish-language	59
fraudster	59
french-language	60
german-language	61
greek-language	61
hebrew-language	62
hindi-language	62
hungarian-language	63
indonesian-language	63
InternetProvider	64
InternetProvider_bg_BG	68
InternetProvider_cs_CZ	69
InternetProvider_de_DE	70
InternetProvider_en_AU	71
InternetProvider_en_NZ	72
InternetProvider_en_US	73
InternetProvider_fa_IR	74
InternetProvider_fr_FR	75
InternetProvider_hr_HR	76
ISBNProvider	77
italian-language	78
japanese-language	78
JobProvider	79
JobProvider_da_DK	80
JobProvider_en_US	81

JobProvider_fa_IR	82
JobProvider_fi_FI	83
JobProvider_fr_CH	84
JobProvider_fr_FR	85
JobProvider_hr_HR	86
JobProvider_nl_NL	87
JobProvider_pl_PL	88
JobProvider_ru_RU	89
JobProvider_uk_UA	90
JobProvider_zh_TW	91
korean-language	92
latin-language	92
latvian-language	93
lithuanian-language	93
LoremProvider	94
LoremProvider_ar_AA	96
LoremProvider_el_GR	97
LoremProvider_en_US	98
LoremProvider_he_IL	99
LoremProvider_ja_JP	100
LoremProvider_la	101
LoremProvider_ru_RU	102
LoremProvider_zh_CN	103
LoremProvider_zh_TW	104
norwegian-language	105
numerics	106
PersonProvider	107
PersonProvider_bg_BG	110
PersonProvider_cs_CZ	111
PersonProvider_da_DK	112
PersonProvider_de_AT	113
PersonProvider_de_DE	114
PersonProvider_en_GB	115
PersonProvider_en_NZ	116
PersonProvider_en_US	117
PersonProvider_es_ES	119
PersonProvider_es_MX	120
PersonProvider_fa_IR	121
PersonProvider_fi_FI	122
PersonProvider_fr_CH	123
PersonProvider_fr_FR	124
PersonProvider_hr_HR	125
PersonProvider_it_IT	126
PersonProvider_ja_JP	127
PersonProvider_ko_KR	129
PersonProvider_lt_LT	130
PersonProvider_lv_LV	131
PersonProvider_ne_NP	132

PersonProvider_nl_NL	133
PersonProvider_no_NO	134
PersonProvider_pl_PL	135
PhoneNumberProvider	136
PhoneNumberProvider_bg_BG	137
PhoneNumberProvider_bs_BA	138
PhoneNumberProvider_cs_CZ	139
PhoneNumberProvider_da_DK	140
PhoneNumberProvider_de_DE	141
PhoneNumberProvider_dk_DK	142
PhoneNumberProvider_el_GR	143
PhoneNumberProvider_en_AU	144
PhoneNumberProvider_en_CA	145
PhoneNumberProvider_en_GB	146
PhoneNumberProvider_en_NZ	147
PhoneNumberProvider_en_US	148
PhoneNumberProvider_es_ES	149
PhoneNumberProvider_es_MX	150
PhoneNumberProvider_es_PE	151
PhoneNumberProvider_fa_IR	152
PhoneNumberProvider_fi_FI	153
PhoneNumberProvider_fr_CH	154
PhoneNumberProvider_fr_FR	155
PhoneNumberProvider_he_IL	156
PhoneNumberProvider_hi_IN	157
PhoneNumberProvider_hr_HR	158
PhoneNumberProvider_hu_HU	159
PhoneNumberProvider_id_ID	160
PhoneNumberProvider_it_IT	161
PhoneNumberProvider_ja_JP	162
PhoneNumberProvider_ko_KR	163
PhoneNumberProvider_lt_LT	164
PhoneNumberProvider_lv_LV	165
PhoneNumberProvider_ne_NP	166
PhoneNumberProvider_nl_BE	167
PhoneNumberProvider_nl_NL	168
PhoneNumberProvider_nn_NO	169
PhoneNumberProvider_no_NO	170
PhoneNumberProvider_pl_PL	171
PhoneNumberProvider_pt_BR	172
PhoneNumberProvider_pt_PT	173
PhoneNumberProvider_ru_RU	174
PhoneNumberProvider_sk_SK	175
PhoneNumberProvider_sv_SE	175
PhoneNumberProvider_th_TH	176
PhoneNumberProvider_tr_TR	177
PhoneNumberProvider_uk_UA	178
PhoneNumberProvider_zh_TW	179

polish-language	180
portuguese-language	180
russian-language	181
SequenceProvider	181
spanish-language	182
SSNProvider	182
SSNProvider_en_US	183
SSNProvider_nl_NL	184
subclass	185
swedish-language	186
taxonomy	186
TaxonomyProvider	187
TaxonomyProvider_en_US	189
thai-language	190
turkish-language	190
ukrainian-language	191
UserAgentProvider	191
UserAgentProvider_en_US	193

Index	195
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charlatan-package	<i>charlatan</i>
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Description

Make fake data, supporting addresses, person names, dates, times, colors, coordinates, currencies, digital object identifiers (DOIs), jobs, phone numbers, DNA sequences, doubles and integers from distributions and within a range.

Package API

- `ch_generate()`: generate a data.frame with fake data
- `fraudster()`: single interface to all fake data methods
- High level interfaces: There are high level functions prefixed with `ch_` that wrap low level interfaces, and are meant to be easier to use and provide easy way to make many instances of a thing.
- Low level interfaces: All of these are R6 objects that a user can initialize and then call methods on the them.

Author(s)

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See Also

Useful links:

- <https://docs.ropensci.org/charlatan/>
- <https://github.com/ropensci/charlatan>
- Report bugs at <https://github.com/ropensci/charlatan/issues>

Examples

```
# generate individual types of data
ch_name()
ch_phone_number()
ch_job()

# generate a data.frame
ch_generate()

# one interface to all data types - generate the class first
# reports the locale to be used, can change optionally
(x <- fraudster())
x$job()
x$name()
x$color_name()
x$hex_color()

# low level interfaces to "data providers"
# these are exported by hidden from package man page
# as most users will likely not interact with these
x <- ColorProvider_en_US$new()
x$color_name()
x$hex_color()
```

AddressProvider

AddressProvider

Description

Object to create addresses for a locale. Makes use of [PersonProvider](#) for creating street names.

Details

When there is no PersonProvider for this locale, we default back to en_US.

Value

Returns an AddressProvider object.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> AddressProvider

Methods

Public methods:

- [AddressProvider\\$new\(\)](#)
- [AddressProvider\\$address\(\)](#)
- [AddressProvider\\$city\(\)](#)
- [AddressProvider\\$street_name\(\)](#)
- [AddressProvider\\$street_address\(\)](#)
- [AddressProvider\\$postcode\(\)](#)
- [AddressProvider\\$init_person_provider\(\)](#)
- [AddressProvider\\$clone\(\)](#)

Method `new()`: Create a new AddressProvider object

Usage:

```
AddressProvider$new()
```

Returns: A new AddressProvider object

Method `address()`: Create an address, a combination of street, postal code and city.

Usage:

```
AddressProvider$address()
```

Method `city()`: Create a city

Usage:

```
AddressProvider$city()
```

Method `street_name()`: Create a street name.

Usage:

```
AddressProvider$street_name()
```

Method `street_address()`: Create a street address, a combination of streetname and house indicator.

Usage:

```
AddressProvider$street_address()
```

Method `postcode()`: Create a postal code

Usage:

```
AddressProvider$postcode()
```

Method `init_person_provider()`: initialize the person provider (for use in addresses based on names)

Usage:

```
AddressProvider$init_person_provider(locale)
```

Arguments:

locale locale

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
AddressProvider$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

Note

You cannot instantiate the Parent providers. You must use one of the localized one.

See Also

Other ParentProviders: [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

AddressProvider_en_GB *AddressProvider for English, Great Britain*

Description

Object to create addresses for a locale. Makes use of [PersonProvider](#) for creating street names.

Details

When there is no [PersonProvider](#) for this locale, we default back to `en_US`.

Value

Returns an `AddressProvider` object.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::AddressProvider -
> AddressProvider_en_GB
```

Methods

Public methods:

- [AddressProvider_en_GB\\$address\(\)](#)
- [AddressProvider_en_GB\\$city\(\)](#)
- [AddressProvider_en_GB\\$street_name\(\)](#)
- [AddressProvider_en_GB\\$street_address\(\)](#)
- [AddressProvider_en_GB\\$postcode\(\)](#)
- [AddressProvider_en_GB\\$building_number\(\)](#)
- [AddressProvider_en_GB\\$clone\(\)](#)

Method `address()`: Create an address, a combination of street, postal code and city.

Usage:

`AddressProvider_en_GB$address()`

Method `city()`: Create a city

Usage:

`AddressProvider_en_GB$city()`

Method `street_name()`: Create a street name.

Usage:

`AddressProvider_en_GB$street_name()`

Method `street_address()`: Create a street address, a combination of streetname and house indicator.

Usage:

`AddressProvider_en_GB$street_address()`

Method `postcode()`: Create a postal code

Usage:

`AddressProvider_en_GB$postcode()`

Method `building_number()`: Create a building number

Usage:

`AddressProvider_en_GB$building_number()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`AddressProvider_en_GB$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other GB: [PersonProvider_en_GB](#), [PhoneNumberProvider_en_GB](#)

Examples

```
(z <- AddressProvider_en_GB$new())
z$locale
z$postcode()
z$street_name()
z$address()
z$city()
```

AddressProvider_en_NZ *AddressProvider for New-Zealand*

Description

Object to create addresses for a locale. Makes use of [PersonProvider](#) for creating street names.

Details

When there is no [PersonProvider](#) for this locale, we default back to en_US.

Value

Returns an [AddressProvider](#) object.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::AddressProvider -  
> AddressProvider_en_NZ
```

Methods

Public methods:

- [AddressProvider_en_NZ\\$address\(\)](#)
- [AddressProvider_en_NZ\\$city\(\)](#)
- [AddressProvider_en_NZ\\$street_name\(\)](#)
- [AddressProvider_en_NZ\\$street_address\(\)](#)
- [AddressProvider_en_NZ\\$postcode\(\)](#)
- [AddressProvider_en_NZ\\$clone\(\)](#)

Method [address\(\)](#): Create an address, a combination of street, postal code and city.

Usage:

```
AddressProvider_en_NZ$address()
```

Method [city\(\)](#): Create a city

Usage:

```
AddressProvider_en_NZ$city()
```

Method [street_name\(\)](#): Create a street name

Usage:

```
AddressProvider_en_NZ$street_name()
```

Method [street_address\(\)](#): Create a street address , a combination of streetname and house indicator.

Usage:

```
AddressProvider_en_NZ$street_address()
```

Method `postcode()`: Create a postal code

Usage:

```
AddressProvider_en_NZ$postcode()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
AddressProvider_en_NZ$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other NZ: [PersonProvider_en_NZ](#), [PhoneNumberProvider_en_NZ](#)

Examples

```
(z <- AddressProvider_en_NZ$new())
z$postcode()
z$street_name()
z$address()
z$city()
```

AddressProvider_en_US *AddressProvider for United States of America*

Description

Object to create addresses for a locale. Makes use of [PersonProvider](#) for creating street names.

Details

When there is no [PersonProvider](#) for this locale, we default back to en_US.

Value

Returns an [AddressProvider](#) object.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::AddressProvider -  
> AddressProvider_en_US
```

Methods

Public methods:

- AddressProvider_en_US\$address()
- AddressProvider_en_US\$civ_address()
- AddressProvider_en_US\$mil_address()
- AddressProvider_en_US\$city()
- AddressProvider_en_US\$street_name()
- AddressProvider_en_US\$street_address()
- AddressProvider_en_US\$postcode()
- AddressProvider_en_US\$building_number()
- AddressProvider_en_US\$state()
- AddressProvider_en_US\$clone()

Method address(): address

Usage:

AddressProvider_en_US\$address()

Method civ_address(): civilian address, the type of address you would expect. Not to be confused with Military address which is also available for this locale.

Usage:

AddressProvider_en_US\$civ_address()

Method mil_address(): Military address

Usage:

AddressProvider_en_US\$mil_address()

Method city(): city

Usage:

AddressProvider_en_US\$city()

Method street_name(): street name

Usage:

AddressProvider_en_US\$street_name()

Method street_address(): street address

Usage:

AddressProvider_en_US\$street_address()

Method postcode(): postal code

Usage:

```
AddressProvider_en_US$postcode()
```

Method `building_number()`: building number

Usage:

```
AddressProvider_en_US$building_number()
```

Method `state()`: state

Usage:

```
AddressProvider_en_US$state()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
AddressProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
(z <- AddressProvider_en_US$new())
z$locale
z$postcode()
z$street_name()
z$address()
z$city()
z$mil_address()
z$civ_address()
```

AddressProvider_nl_NL *AddressProvider for The Netherlands*

Description

Object to create addresses for a locale. Makes use of [PersonProvider](#) for creating street names.

Details

When there is no PersonProvider for this locale, we default back to en_US.

Value

Returns an AddressProvider object.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::AddressProvider -  
> AddressProvider_nl_NL
```

Methods

Public methods:

- [AddressProvider_nl_NL\\$address\(\)](#)
- [AddressProvider_nl_NL\\$city\(\)](#)
- [AddressProvider_nl_NL\\$street_name\(\)](#)
- [AddressProvider_nl_NL\\$street_address\(\)](#)
- [AddressProvider_nl_NL\\$postcode\(\)](#)
- [AddressProvider_nl_NL\\$building_number\(\)](#)
- [AddressProvider_nl_NL\\$province\(\)](#)
- [AddressProvider_nl_NL\\$clone\(\)](#)

Method `address()`: Create an address, a combination of street, postal code and city. The three components street, postal code and city are generated independently, so they are not related.

Usage:

```
AddressProvider_nl_NL$address()
```

Method `city()`: Create a city

Usage:

```
AddressProvider_nl_NL$city()
```

Method `street_name()`: Create a street name

Usage:

```
AddressProvider_nl_NL$street_name()
```

Method `street_address()`: Create a street address, a combination of streetname and house indicator.

Usage:

```
AddressProvider_nl_NL$street_address()
```

Method `postcode()`: Create a postal code, does not exclude impossible postcodes in The Netherlands (leading zero for examples) but looks good enough for most purposes.

Usage:

```
AddressProvider_nl_NL$postcode()
```

Method `building_number()`: building number.

Usage:

```
AddressProvider_nl_NL$building_number()
```

Method `province()`: Create a province.

Usage:

```
AddressProvider_nl_NL$province()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
AddressProvider_nl_NL$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other nl: [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_BE](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#), [dutch-language](#)

Other NL: [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#)

Examples

```
(z <- AddressProvider_nl_NL$new())
z$locale
z$postcode()
z$street_name()
z$address()
z$city()
z$province()
```

arabic-language	Arabic Language
-----------------	-----------------

Description

Providers with the Arabic locale (ar).

See Also

Other ar: [LoremProvider_ar_AA](#)

Other languages: [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

available_locales_df	Available locales
----------------------	-------------------

Description

A data.frame of locales available in **charlatan**. All localized providers are linked in the documentation.

Format

A data frame with 45 rows and 4 variables:

- Language** language two letter code
- Country** country two letter code
- Variant** a variant code, if applicable
- Name** official locale two letter code

See Also

data.frame used in [charlatan_locales\(\)](#)

available_providers	<i>Available Providers</i>
---------------------	----------------------------

Description

A vector of locales available in **charlatan**

Format

A vector with 22 items:

provider The base provider

BareProvider	<i>A NonLocalized Provider that contains all the selection and creation elements, but not the locales. That way we can still inherit an do useful stuff for providers that have no locale.</i>
--------------	--

Description

A NonLocalized Provider that contains all the selection and creation elements, but not the locales. That way we can still inherit an do useful stuff for providers that have no locale.

A NonLocalized Provider that contains all the selection and creation elements, but not the locales. That way we can still inherit an do useful stuff for providers that have no locale.

Active bindings

provider Display the provider name.

Methods

Public methods:

- [BareProvider\\$random_element\(\)](#)
- [BareProvider\\$random_element_prob\(\)](#)
- [BareProvider\\$random_int\(\)](#)
- [BareProvider\\$random_digit\(\)](#)
- [BareProvider\\$random_digit_not_zero\(\)](#)
- [BareProvider\\$random_digit_or_empty\(\)](#)
- [BareProvider\\$random_digit_not_zero_or_empty\(\)](#)
- [BareProvider\\$random_letter\(\)](#)
- [BareProvider\\$numerify\(\)](#)
- [BareProvider\\$lexify\(\)](#)
- [BareProvider\\$bothify\(\)](#)

- `BareProvider$randomize_nb_elements()`
- `BareProvider$print()`
- `BareProvider$clone()`

Method `random_element()`: pick a random element from vector/list

Usage:

`BareProvider$random_element(x)`

Arguments:

x vector or list

Returns: a single element from x

Method `random_element_prob()`: pick a random element with probability from vector/list

Usage:

`BareProvider$random_element_prob(x)`

Arguments:

x vector or list

Method `random_int()`: any number of random integers from a min, max

Usage:

`BareProvider$random_int(min = 0, max = 9999, size = 1)`

Arguments:

min the minimum value. default: 0

max the maximum value. default: 9999

size number of values to return. default: 1

Returns: random integer

Method `random_digit()`: random integer between 0 and 9

Usage:

`BareProvider$random_digit()`

Method `random_digit_not_zero()`: random integer between 1 and 9

Usage:

`BareProvider$random_digit_not_zero()`

Method `random_digit_or_empty()`: random integer between 0 and 9 or empty character string

Usage:

`BareProvider$random_digit_or_empty()`

Method `random_digit_not_zero_or_empty()`: random integer between 1 and 9 or empty character string

Usage:

`BareProvider$random_digit_not_zero_or_empty()`

Method `random_letter()`: random letter

Usage:

```
BareProvider$random_letter()
```

Method numerify(): replace a template with numbers

Usage:

```
BareProvider$numerify(text = "###")
```

Arguments:

text (character) a string

Method lexify(): replace a template with letters

Usage:

```
BareProvider$lexify(text = "????")
```

Arguments:

text (character) a string

Method bothify(): both numerify and lexify together

Usage:

```
BareProvider$bothify(text = "## ??")
```

Arguments:

text (character) a string

Method randomize_nb_elements(): Returns a random value near number

Usage:

```
BareProvider$randomize_nb_elements(  
  number = 10,  
  le = FALSE,  
  ge = FALSE,  
  min = NULL,  
  max = NULL  
)
```

Arguments:

number value to which the result must be near

le result must be lower or equal to number

ge result must be greater or equal to number

min the minimum value. default: NULL

max the maximum value. default: NULL

Returns: a random int near number

Method print(): Print method for provider

Usage:

```
BareProvider$print(...)
```

Arguments:

... ignored by this method

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`BareProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

BaseProvider

BaseProvider

Description

BaseProvider

BaseProvider

Super class

`charlatan::BareProvider` -> BaseProvider

Active bindings

`locale` (character) locale of this Provider.

Methods

Public methods:

- `BaseProvider$check_locale()`
- `BaseProvider$allowed_locales()`
- `BaseProvider$new()`
- `BaseProvider$print()`
- `BaseProvider$clone()`

Method `check_locale()`: check a locale to see if it exists, if not, stop with error message

Usage:

`BaseProvider$check_locale(x)`

Arguments:

`x` a locale name, e.g. 'bg_BG'

Returns: returns nothing if locale is supported; stops w/ message if not

Method `allowed_locales()`: fetch the allowed locales for this provider

Usage:

`BaseProvider$allowed_locales()`

Method `new()`: Create a new Provider object

Usage:

`BaseProvider$new()`

Returns: A new object

Method `print()`: Print method for provider

Usage:

`BaseProvider$print(...)`

Arguments:

... ignored by this method

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`BaseProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

Note

You cannot instantiate the Parent providers. You must use one of the localized one.

Examples

```
(x <- BaseProvider$new())

x$numerify("#%%asdf221?")
x$lexify("#%%asdf221?")
x$bothify("#%%asdf221?")
```

bosnian-language

Bosnian Language

Description

Providers with the Bosnian locale (bs).

See Also

Other bs: [PhoneNumberProvider_bs_BA](#)

Other languages: [arabic-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

bulgarian-language	<i>Bulgarian Language</i>
--------------------	---------------------------

Description

Providers with the Bulgarian locale (bg).

See Also

Other bg: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#)

Other languages: [arabic-language](#), [bosnian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

charlatan_locales	<i>Available locales</i>
-------------------	--------------------------

Description

Available locales

Usage

```
charlatan_locales()
```

Value

a data.frame of the available locales in this package. See [available_locales_df](#) for structure.
Not all functions support all locales. Check the docs for each one to see what locales they support.
You can find out more about each locale by running your locale though `stringi::stri_locale_info()`

Examples

```
charlatan_locales()
```

charlatan_settings	<i>charlatan settings</i>
--------------------	---------------------------

Description

charlatan settings

Usage

```
charlatan_settings(messy = NULL)
```

Arguments

`messy` (logical) make some messy data. Default: NULL

More deets

- `messy` - When FALSE, nothing is different from normal. When TRUE, we select incorrect/wrong values with probability X. Messy mode is only available for **en-US** for now, and only for some data types. The default setting is NULL, meaning it is ignored.

Examples

```
charlatan_settings()
charlatan_settings(messy = TRUE)
charlatan_settings(messy = FALSE)

# with PersonProvider - overrides local messy param in all cases
x <- PersonProvider_en_US$new()
x$messy
charlatan_settings(messy = TRUE)
x <- PersonProvider_en_US$new()
x$messy
```

chinese-language	<i>Chinese Language</i>
------------------	-------------------------

Description

Providers with the Chinese locale (zh).

See Also

Other zh: [JobProvider_zh_TW](#), [LoremProvider_zh_CN](#), [LoremProvider_zh_TW](#), [PhoneNumberProvider_zh_TW](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

ch_color	Create fake colors
----------	--------------------

Description

Create fake colors

Usage

```
ch_color_name(n = 1, locale = NULL)

ch_safe_color_name(n = 1, locale = NULL)

ch_hex_color(n = 1)

ch_safe_hex_color(n = 1)

ch_rgb_color(n = 1)

ch_rgb_css_color(n = 1)
```

Arguments

- n (integer) number of things to get, any non-negative integer
- locale (character) the locale to use. See `colors()$allowed_locales()` for locales supported. Affects the `ch_color_name` and `ch_safe_color_name` functions

See Also

[ColorProvider](#)

Examples

```

ch_color_name()
ch_color_name(10)
# or even ch_color_name(500)

ch_safe_color_name()
ch_safe_color_name(10)

ch_hex_color()
ch_hex_color(10)
# or even ch_hex_color(1000)

ch_safe_hex_color()
ch_safe_hex_color(10)

ch_rgb_color()
ch_rgb_color(10)

ch_rgb_css_color()
ch_rgb_css_color(10)

ch_color_name(locale = "uk_UA")
ch_color_name(n = 10, locale = "uk_UA")

ch_safe_color_name(locale = "uk_UA")
ch_safe_color_name(n = 10, locale = "uk_UA")

```

ch_company

Create fake company names and other company bits

Description

Create fake company names and other company bits

Usage

```
ch_company(n = 1, locale = NULL)
```

Arguments

n	(integer) number of things to get, any non-negative integer
locale	(character) the locale to use. See <code>company()\$allowed_locales()</code> for locales supported.

See Also

[CompanyProvider](#)

Examples

```
ch_company()
ch_company(10)
# or even ch_company(500)

ch_company(locale = "fr_FR", n = 10)
ch_company(locale = "cs_CZ", n = 10)
ch_company(locale = "es_MX", n = 10)
ch_company(locale = "hr_HR", n = 10)
```

ch_credit	Create fake credit card data
-----------	------------------------------

Description

Create fake credit card data

Usage

```
ch_credit_card_provider(n = 1)

ch_credit_card_number(n = 1)

ch_credit_card_security_code(n = 1)
```

Arguments

n (integer) number of things to get, any non-negative integer

See Also

[CreditCardProvider](#)

Examples

```
ch_credit_card_provider()
ch_credit_card_provider(n = 4)

ch_credit_card_number()
ch_credit_card_number(n = 10)
# or even ch_credit_card_number(n = 500)

ch_credit_card_security_code()
ch_credit_card_security_code(n = 10)
# or even ch_credit_card_security_code(n = 500)
```

ch_currency	Create fake currencies
-------------	------------------------

Description

Create fake currencies

Usage

```
ch_currency(n = 1)
```

Arguments

n (integer) number of things to get, any non-negative integer

See Also

[CurrencyProvider](#)

Examples

```
ch_currency()  
ch_currency(10)  
# or even ch_currency(500)
```

ch_doi	Create fake DOIs (Digital Object Identifiers)
--------	---

Description

Create fake DOIs (Digital Object Identifiers)

Usage

```
ch_doi(n = 1)
```

Arguments

n (integer) number of things to get, any non-negative integer

See Also

[DOIProvider](#)

Examples

```
ch_doi()  
ch_doi(10)  
ch_doi(100)
```

ch_generate	<i>Generate a fake dataset</i>
-------------	--------------------------------

Description

Generate a fake dataset

Usage

```
ch_generate(..., n = 10, locale = NULL)
```

Arguments

...	columns to include. must be in the allowed set. See Allowed column names below. Three default columns are included (name, job, phone_number) if nothing is specified - but are overridden by any input.
n	(integer) number of things to get, any non-negative integer
locale	(character) the locale to use. options: only supported for data types that have locale support, See each data provider for details.

Allowed column names

- name (default included)
- job (default included)
- phone_number (default included)
- currency
- color_name
- rgb_color
- rgb_css_color

Examples

```
ch_generate()
ch_generate(n = 1)
ch_generate(n = 100)

ch_generate("job")
ch_generate("job", "name")
ch_generate("job", "color_name")

# locale
ch_generate(locale = "en_US")
ch_generate(locale = "fr_FR")
ch_generate(locale = "fr_CH")
```

ch_gene_sequence	Create fake gene sequences
------------------	----------------------------

Description

Create fake gene sequences

Usage

ch_gene_sequence(n = 1, length = 30)

Arguments

- n (integer) number of things to get, any non-negative integer
- length (integer) length of sequence to create

See Also

[SequenceProvider](#)

Examples

```
ch_gene_sequence()
ch_gene_sequence(10)
ch_gene_sequence(100)

ch_gene_sequence(length = 500)
ch_gene_sequence(10, length = 500)
```

ch_job	Create fake jobs
--------	------------------

Description

Create fake jobs

Usage

ch_job(n = 1, locale = NULL)

Arguments

- n (integer) number of things to get, any non-negative integer
- locale (character) the locale to use. Run JobProvider\$new()\$allowed_locales() for locales supported (default: en_US)

See Also[JobProvider](#)**Examples**

```

ch_job()
ch_job(10)
# or even ch_job(500)

ch_job(locale = "da_DK", n = 10)
ch_job(locale = "fi_FI", n = 10)
ch_job(locale = "fr_FR", n = 10)
ch_job(locale = "fr_CH", n = 10)
ch_job(locale = "hr_HR", n = 10)
ch_job(locale = "fa_IR", n = 10)
ch_job(locale = "pl_PL", n = 10)
ch_job(locale = "ru_RU", n = 10)
ch_job(locale = "uk_UA", n = 10)
ch_job(locale = "zh_TW", n = 10)

```

ch_missing

*Create missing data***Description**

Create missing data

Usage

```
ch_missing(x, n = 1)
```

Arguments

x	Input vector, can be any class - only 1 vetor
n	(integer) number of things to get, any non-negative integer

See Also[MissingDataProvider](#)**Examples**

```

ch_missing(letters)
ch_missing(letters, 10)
ch_missing(letters, 20)

```

ch_name	Create fake person names
---------	--------------------------

Description

Create fake person names

Usage

```
ch_name(n = 1, locale = NULL, messy = FALSE)
```

Arguments

n	(integer) number of things to get, any non-negative integer
locale	(character) the locale to use. See <code>PersonProvider\$new()\$allowed_locales()</code> for locales supported (default: en_US)
messy	(logical) make some messy data. Default: FALSE

See Also

[PersonProvider_en_US](#)

Examples

```
ch_name()
ch_name(10)
# or even ch_name(500)

ch_name(locale = "fr_FR", n = 10)
ch_name(locale = "fr_CH", n = 10)
ch_name(locale = "fa_IR", n = 10)
ch_name(locale = "fi_FI", n = 10)
```

ch_phone_number	Create fake phone numbers
-----------------	---------------------------

Description

Create fake phone numbers

Usage

```
ch_phone_number(n = 1, locale = NULL)
```

Arguments

`n` (integer) number of things to get, any non-negative integer

`locale` (character) the locale to use. See `PhoneNumberProvider$new()$allowed_locales()` for locales supported (default: `en_US`)

See Also

[PhoneNumberProvider](#)

Examples

```
ch_phone_number()
ch_phone_number(10)
# or even ch_phone_number(500)

# locales
ch_phone_number(locale = "fr_FR")
ch_phone_number(locale = "uk_UA")
ch_phone_number(locale = "en_CA")
ch_phone_number(locale = "lv_LV")
```

ch_ssn

Create fake Social Security Numbers

Description

Create fake Social Security Numbers

Usage

```
ch_ssn(n = 1, locale = NULL)
```

Arguments

`n` (integer) number of things to get, any non-negative integer

`locale` (character) the locale to use. See `SSNProvider$new()$allowed_locales()` for locales supported (default: `en_US`)

See Also

[SSNProvider](#)

Examples

```
ch_ssn()
ch_ssn(10)
```

ColorProvider

ColorProvider

Description

methods for colors create color names, hex values, rgb values or css values.

Value

A ColorProvider object that can generate colors.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> ColorProvider`

Active bindings

`all_colors (character) xxx`

`safe_colors (character) xxx`

Methods

Public methods:

- `ColorProvider$color_name()`
- `ColorProvider$hex_from_name()`
- `ColorProvider$safe_color_name()`
- `ColorProvider$hex_color()`
- `ColorProvider$safe_hex_color()`
- `ColorProvider$rgb_color()`
- `ColorProvider$rgb_css_color()`
- `ColorProvider$clone()`

Method `color_name()`: color name

Usage:

`ColorProvider$color_name()`

Method `hex_from_name()`: get color by name

Usage:

`ColorProvider$hex_from_name(name)`

Arguments:

name color name

Returns: hex value

Method `safe_color_name()`: safe color name

Usage:

ColorProvider\$safe_color_name()

Method hex_color(): hex color

Usage:

ColorProvider\$hex_color()

Method safe_hex_color(): safe hex color

Usage:

ColorProvider\$safe_hex_color()

Method rgb_color(): RGB color

Usage:

ColorProvider\$rgb_color()

Method rgb_css_color(): RGB CSS color

Usage:

ColorProvider\$rgb_css_color()

Method clone(): The objects of this class are cloneable with this method.

Usage:

ColorProvider\$clone(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

ColorProvider_en_US *ColorProvider*

Description

methods for colors create color names, hex values, rgb values or css values.

Value

A ColorProvider object that can generate colors.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::ColorProvider](#) ->
ColorProvider_en_US

Methods**Public methods:**

- [ColorProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
ColorProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
x <- ColorProvider_en_US$new()
x$locale
x$color_name()
x$safe_color_name()
x$hex_color()
x$safe_hex_color()
x$rgb_color()
x$rgb_css_color()
```

ColorProvider_uk_UA	<i>ColorProvider Ukrainian (Ukraine)</i>
---------------------	--

Description

methods for colors create color names, hex values, rgb values or css values.

Value

A ColorProvider object that can generate colors.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::ColorProvider](#) -> [ColorProvider_uk_UA](#)

Methods**Public methods:**

- [ColorProvider_uk_UA\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[ColorProvider_uk_UA\\$clone](#)(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

See Also

Other uk: [JobProvider_uk_UA](#), [PhoneNumberProvider_uk_UA](#), [ukrainian-language](#)

Other UA: [JobProvider_uk_UA](#), [PhoneNumberProvider_uk_UA](#)

Examples

```
x <- ColorProvider_uk_UA$new()
x$locale
x$color_name()
x$safe_color_name()
x$hex_color()
x$safe_hex_color()
x$rgb_color()
x$rgb_css_color()
```

CompanyProvider

CompanyProvider

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [CompanyProvider](#)

Methods

Public methods:

- [CompanyProvider\\$new\(\)](#)
- [CompanyProvider\\$company\(\)](#)
- [CompanyProvider\\$catch_phrase\(\)](#)
- [CompanyProvider\\$bs\(\)](#)
- [CompanyProvider\\$clone\(\)](#)

Method `new()`: Create a new CompanyProvider object

Usage:

`CompanyProvider$new()`

Returns: A new CompanyProvider object

Method `company()`: a company name

Usage:

`CompanyProvider$company()`

Method `catch_phrase()`: a catch phrase

Usage:

`CompanyProvider$catch_phrase()`

Method `bs()`: BS words

Usage:

`CompanyProvider$bs()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`CompanyProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

CompanyProvider_bg_BG *CompanyProvider for Bulgarian (Bulgaria)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -  
> CompanyProvider_bg_BG
```

Methods

Public methods:

- [CompanyProvider_bg_BG\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_bg_BG$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other bg: [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#), [bulgarian-language](#)

Other BG: [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#)

Examples

```
x <- CompanyProvider_bg_BG$new()  
x$locale  
x$company()
```

CompanyProvider_cs_CZ *CompanyProvider for Czech*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -> CompanyProvider_cs_CZ
```

Methods

Public methods:

- [CompanyProvider_cs_CZ\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_cs_CZ$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other cs: [InternetProvider_cs_CZ](#), [PersonProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#), [czech-language](#)

Other CZ: [InternetProvider_cs_CZ](#), [PersonProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#)

Examples

```
x <- CompanyProvider_cs_CZ$new()
x$locale
x$company()
```

CompanyProvider_de_DE *CompanyProvider for German (Germany)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -  
> CompanyProvider_de_DE
```

Methods

Public methods:

- [CompanyProvider_de_DE\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_de_DE$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other de: [InternetProvider_de_DE](#), [PersonProvider_de_AT](#), [PersonProvider_de_DE](#), [PhoneNumberProvider_de_DE](#), [german-language](#)

Other DE: [InternetProvider_de_DE](#), [PersonProvider_de_DE](#), [PhoneNumberProvider_de_DE](#)

Examples

```
x <- CompanyProvider_de_DE$new()  
x$locale  
x$company()
```

CompanyProvider_en_US *CompanyProvider for English (United States)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -
> CompanyProvider_en_US
```

Methods

Public methods:

- [CompanyProvider_en_US\\$company\(\)](#)
- [CompanyProvider_en_US\\$clone\(\)](#)

Method `company()`: a company name

Usage:

```
CompanyProvider_en_US$company()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
x <- CompanyProvider_en_US$new()
x$locale
x$company()
x$catch_phrase()
x$bs()
```

CompanyProvider_es_MX *CompanyProvider Spanish (Mexico)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -
> CompanyProvider_es_MX
```

Methods**Public methods:**

- [CompanyProvider_es_MX\\$company\(\)](#)
- [CompanyProvider_es_MX\\$clone\(\)](#)

Method `company()`: a company name

Usage:

```
CompanyProvider_es_MX$company()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_es_MX$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other es: [PersonProvider_es_ES](#), [PersonProvider_es_MX](#), [PhoneNumberProvider_es_ES](#), [PhoneNumberProvider_es_P](#)
[spanish-language](#)

Other MX: [PersonProvider_es_MX](#), [PhoneNumberProvider_es_MX](#)

Examples

```
x <- CompanyProvider_es_MX$new()
x$locale
x$company()
x$catch_phrase()
x$bs()
```

CompanyProvider_fa_IR *CompanyProvider Persian (Iran)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -
> CompanyProvider_fa_IR
```

Methods**Public methods:**

- [CompanyProvider_fa_IR\\$company\(\)](#)
- [CompanyProvider_fa_IR\\$clone\(\)](#)

Method `company()`: a company name

Usage:

```
CompanyProvider_fa_IR$company()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_fa_IR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fa: [InternetProvider_fa_IR](#), [JobProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#), [farsi-language](#)

Other IR: [InternetProvider_fa_IR](#), [JobProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#)

Examples

```
x <- CompanyProvider_fa_IR$new()
x$locale
x$company()
x$catch_phrase()
x$bs()
```

CompanyProvider_fr_FR *CompanyProvider for France (French)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -
> CompanyProvider_fr_FR
```

Methods**Public methods:**

- [CompanyProvider_fr_FR\\$catch_phrase\(\)](#)
- [CompanyProvider_fr_FR\\$clone\(\)](#)

Method `catch_phrase()`: generate a catch phrase for a company.

Usage:

```
CompanyProvider_fr_FR$catch_phrase()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_fr_FR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other FR: [InternetProvider_fr_FR](#), [JobProvider_fr_FR](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_FR](#)

Other fr: [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)

Examples

```
x <- CompanyProvider_fr_FR$new()
x$locale
x$company()
x$catch_phrase()
```

CompanyProvider_hr_HR *CompanyProvider Croatian (Croatia)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -
> CompanyProvider_hr_HR
```

Methods**Public methods:**

- [CompanyProvider_hr_HR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_hr_HR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other hr: [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#), [croatian-language](#)

Other HR: [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#)

Examples

```
x <- CompanyProvider_hr_HR$new()
x$locale
x$company()
x$catch_phrase()
x$bs()
```

CompanyProvider_it_IT *CompanyProvider Italian (Italy)*

Description

company name/etc. methods

Note that you cannot instantiate this class, you can only use the localized versions such as [CompanyProvider_en_US](#).

Value

A CompanyProvider object that can create companies.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::CompanyProvider -
> CompanyProvider_it_IT
```

Methods

Public methods:

- [CompanyProvider_it_IT\\$company\(\)](#)
- [CompanyProvider_it_IT\\$clone\(\)](#)

Method `company()`: a company name

Usage:

```
CompanyProvider_it_IT$company()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
CompanyProvider_it_IT$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other it: [PersonProvider_it_IT](#), [PhoneNumberProvider_it_IT](#), [italian-language](#)

Other IT: [PersonProvider_it_IT](#), [PhoneNumberProvider_it_IT](#)

Examples

```
x <- CompanyProvider_it_IT$new()
x$locale
x$company()
x$catch_phrase()
x$bs()
```

coordinates	Create fake coordinates
-------------	-------------------------

Description

Create fake coordinates

Usage

```
ch_lon(n = 1)

ch_lat(n = 1)

ch_position(n = 1, bbox = NULL)
```

Arguments

- n (integer) number of things to get, any non-negative integer
- bbox a bounding box of the form [w,s,e,n]

See Also

[CoordinateProvider](#)

Examples

```
ch_lon()
ch_lon(10)

ch_lat()
ch_lat(10)

ch_position()
ch_position(10)
ch_position(bbox = c(-120, 30, -110, 60))
```

croatian-language	Croatian Language
-------------------	-------------------

Description

Providers with the Croatian locale (hr).

See Also

Other hr: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

czech-language

Czech Language

Description

Providers with the Czech locale (cs).

See Also

Other cs: [CompanyProvider_cs_CZ](#), [InternetProvider_cs_CZ](#), [PersonProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

danish-language

Danish Language

Description

Providers with the Danish locale (da).

See Also

Other da: [JobProvider_da_DK](#), [PersonProvider_da_DK](#), [PhoneNumberProvider_da_DK](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

DateTimeProvider	<i>DateTimeProvider</i>
------------------	-------------------------

Description

date and time methods

Super class

`charlatan::BareProvider -> DateTimeProvider`

Public fields

centuries (character) centuries in roman numerals
countries (list) countries list

Methods**Public methods:**

- `DateTimeProvider$unix_time()`
- `DateTimeProvider$date()`
- `DateTimeProvider$date_time()`
- `DateTimeProvider$date_time_fromtimestamp()`
- `DateTimeProvider$iso8601()`
- `DateTimeProvider$year()`
- `DateTimeProvider$century()`
- `DateTimeProvider$timezone()`
- `DateTimeProvider$date_time_between()`
- `DateTimeProvider$clone()`

Method `unix_time()`: Get a timestamp between January 1, 1970 and now, unless passed explicit `start_date` or `end_date` values

Usage:

`DateTimeProvider$unix_time(start_date = NULL, end_date = "now")`

Arguments:

`start_date` start date, a valid date format
`end_date` start date, a valid date format, default: "now"

Method `date()`: Generate a date between January 1, 1970 and now, with given pattern

Usage:

`DateTimeProvider$date(pattern = "%Y-%m-%d")`

Arguments:

`pattern` date pattern, default: %Y-%m-%d

Method `date_time()`: Generate a date time between January 1, 1970 and now

Usage:

`DateTimeProvider$date_time(tzinfo = NULL)`

Arguments:

`tzinfo` timezone, see [timezone](#)

Method `date_time_fromtimestamp()`: Generate a iso8601 format date

Usage:

`DateTimeProvider$date_time_fromtimestamp(timestamp, tzinfo = NULL)`

Arguments:

`timestamp` a timestamp

`tzinfo` timezone, see [timezone](#)

Method `iso8601()`: Generate a iso8601 format date

Usage:

`DateTimeProvider$iso8601(date, tzinfo = NULL)`

Arguments:

`date` a date, in a valid date format

`tzinfo` timezone, see [timezone](#)

Method `year()`: generate a year

Usage:

`DateTimeProvider$year()`

Method `century()`: generate a century

Usage:

`DateTimeProvider$century()`

Method `timezone()`: generate a timezone

Usage:

`DateTimeProvider$timezone()`

Method `date_time_between()`: Generate a date time based on a random date between two given dates

Usage:

`DateTimeProvider$date_time_between(start_date, end_date = "now", tzinfo = NULL)`

Arguments:

`start_date` start date, a valid date format

`end_date` start date, a valid date format, default: "now"

`tzinfo` timezone, see [timezone](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`DateTimeProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

References

https://en.wikipedia.org/wiki/Unix_time

https://en.wikipedia.org/wiki/Unix_time

Examples

```
z <- DateTimeProvider$new()
z$countries
z$centuries
z$century()
z$timezone()
z$unix_time()
z$date("%Y-%M-%d")
z$date_time()
z$year()
z$iso8601("1932-02-12 05:32:12")
# z$iso8601("January 4, 1981")

# date time between a range of dates
(start_date <- Sys.time() - 604800L)
z$date_time_between(start_date = start_date)
# in the year 1900
z$date_time_between("1900-01-01 00:00:00 PST", "1900-12-31 00:00:00 PST")
z$date_time_between("1900-01-01", "1900-12-31")
```

date_time

Create dates and times

Description

Create dates and times

Usage

```
ch_timezone(n = 1)

ch_unix_time(n = 1)

ch_date_time(n = 1)
```

Arguments

n (integer) number of things to get, any non-negative integer

See Also

[DateTimeProvider](#)

Examples

```

ch_timezone()
ch_timezone(10)

ch_unix_time()
ch_unix_time(20)

ch_date_time()
ch_date_time(20)

```

dutch-language	<i>Dutch Language</i>
----------------	-----------------------

Description

Providers with the Dutch locale (nl).

See Also

Other nl: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_BE](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

ElementProvider_en_US	<i>ElementProvider for USA</i>
-----------------------	--------------------------------

Description

chemical elements methods

Details

Data from Wikipedia at https://en.wikipedia.org/wiki/Chemical_element

Super classes

```

charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::ElementProvider -
> ElementProvider_en_US

```

Methods

Public methods:

- [ElementProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
ElementProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
z <- ElementProvider_en_US$new()
z$symbol()
z$element()
```

ElementProvider_nl_NL *ElementProvider for the Netherlands*

Description

chemical elements methods

Details

Data from Wikipedia at https://nl.wikipedia.org/wiki/Lijst_van_chemische_elementen

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::ElementProvider -
> ElementProvider_nl_NL
```

Methods

Public methods:

- [ElementProvider_nl_NL\\$clone\(\)](#)

Method clone(): The objects of this class are cloneable with this method.

Usage:

ElementProvider_nl_NL\$clone(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

See Also

Other nl: [AddressProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_BE](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#), [dutch-language](#)

Other NL: [AddressProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#)

Examples

```
z <- ElementProvider_nl_NL$new()
z$symbol()
z$element()
```

elements	<i>Get elements</i>
----------	---------------------

Description

Get elements

Usage

```
ch_element_symbol(n = 1)

ch_element_element(n = 1)
```

Arguments

n (integer) number of things to get, any non-negative integer

See Also

[ElementProvider](#)

Examples

```
ch_element_symbol()
ch_element_symbol(10)
ch_element_symbol(50)

ch_element_element()
ch_element_element(10)
ch_element_element(50)
```

english-language	<i>English Language</i>
------------------	-------------------------

Description

Providers with the English locale (en).

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

farsi-language	<i>Farsi Language</i>
----------------	-----------------------

Description

Providers with the Farsi locale (fa).

See Also

Other fa: [CompanyProvider_fa_IR](#), [InternetProvider_fa_IR](#), [JobProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

FileProvider_en_US	<i>File Provider for United States English</i>
--------------------	--

Description

Creates files and file types.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::FileProvider](#) -> [FileProvider_en_US](#)

Methods**Public methods:**

- [FileProvider_en_US\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
FileProvider_en_US$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
(x <- FileProvider_en_US$new())
x$locale
x$mime_type()
x$file_extension()
x$file_name()
x$file_path()
x$file_path(depth = 2)
x$file_path(depth = 3)
x$file_path(depth = 6)
```

finnish-language	<i>Finnish Language</i>
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Description

Providers with the Finnish locale (fi).

See Also

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

fraudster	<i>Fraudster - catch all client to make all types of fake data</i>
-----------	--

Description

Fraudster - catch all client to make all types of fake data

Usage

```
fraudster(locale = NULL)
```

Arguments

locale (character) the locale to use. options: en_US (default), fr_FR, fr_CH, hr_FR, fa_IR, pl_PL, ru_RU, uk_UA, zh_TW.

Examples

```
# English - the default locale
(x <- fraudster())
x$job()
x$name()
x$color_name()
x$safe_color_name()
x$hex_color()
x$safe_hex_color()
x$rgb_color()
x$rgb_css_color()

# different locales
## French
(y <- fraudster(locale = "fr_FR"))
y$job()

## Croatian
(z <- fraudster(locale = "hr_HR"))
z$job()

## Ukranian
(w <- fraudster(locale = "uk_UA"))
w$job()
w$color_name()

# geospatial
x$lat()
x$lon()
x$position()

# DOIs (Digital Object Identifier)
x$doi()
```

french-language

French Language

Description

Providers with the French locale (fr).

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#),

korean-language, latin-language, latvian-language, lithuanian-language, norwegian-language, polish-language, portuguese-language, russian-language, spanish-language, swedish-language, thai-language, turkish-language, ukrainian-language

german-language	<i>German Language</i>
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Description

Providers with the German locale (de).

See Also

Other de: [CompanyProvider_de_DE](#), [InternetProvider_de_DE](#), [PersonProvider_de_AT](#), [PersonProvider_de_DE](#), [PhoneNumberProvider_de_DE](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

greek-language	<i>Greek Language</i>
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Description

Providers with the Greek locale (el).

See Also

Other el: [LoremProvider_el_GR](#), [PhoneNumberProvider_el_GR](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

hebrew-language	<i>Hebrew Language</i>
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Description

Providers with the Hebrew locale (he).

See Also

Other he: [LoremProvider_he_IL](#), [PhoneNumberProvider_he_IL](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

hindi-language	<i>Hindi Language</i>
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Description

Providers with the Hindi locale (hi).

See Also

Other hi: [PhoneNumberProvider_hi_IN](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

hungarian-language	<i>Hungarian Language</i>
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Description

Providers with the Hungarian locale (hu).

See Also

Other hu: [PhoneNumberProvider_hu_HU](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

indonesian-language	<i>Indonesian Language</i>
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Description

Providers with the Indonesian locale (id).

See Also

Other id: [PhoneNumberProvider_id_ID](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

InternetProvider	<i>InternetProvider</i>
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Description

internet methods, e.g., email addresses, domain names

Note that if a locale you set doesn't have a locale specific set of data for [PersonProvider](#) or [CompanyProvider](#) we fall back to en_US Also note that you

Value

A InternetProvider object with specific functions for internet.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> InternetProvider

Methods

Public methods:

- [InternetProvider\\$new\(\)](#)
- [InternetProvider\\$to_ascii\(\)](#)
- [InternetProvider\\$email\(\)](#)
- [InternetProvider\\$safe_email\(\)](#)
- [InternetProvider\\$free_email\(\)](#)
- [InternetProvider\\$company_email\(\)](#)
- [InternetProvider\\$ascii_email\(\)](#)
- [InternetProvider\\$ascii_safe_email\(\)](#)
- [InternetProvider\\$ascii_free_email\(\)](#)
- [InternetProvider\\$ascii_company_email\(\)](#)
- [InternetProvider\\$user_name\(\)](#)
- [InternetProvider\\$tld\(\)](#)
- [InternetProvider\\$free_email_domain\(\)](#)
- [InternetProvider\\$url\(\)](#)
- [InternetProvider\\$domain_name\(\)](#)
- [InternetProvider\\$domain_word\(\)](#)
- [InternetProvider\\$ipv4\(\)](#)
- [InternetProvider\\$ipv6\(\)](#)
- [InternetProvider\\$mac_address\(\)](#)
- [InternetProvider\\$uri_page\(\)](#)
- [InternetProvider\\$uri_path\(\)](#)
- [InternetProvider\\$uri_extension\(\)](#)
- [InternetProvider\\$uri\(\)](#)

- [InternetProvider\\$slug\(\)](#)
- [InternetProvider\\$image_url\(\)](#)
- [InternetProvider\\$clone\(\)](#)

Method `new()`: Create a new Provider object

Usage:

`InternetProvider$new()`

Returns: A new object

Method `to_ascii()`: convert to ascii

Usage:

`InternetProvider$to_ascii(x)`

Arguments:

x the stringn to convert to ascii

Method `email()`: get an email address

Usage:

`InternetProvider$email(domain = NULL)`

Arguments:

domain (character) a domain name, if not given, a random name is chosen

Method `safe_email()`: get a safe email address

Usage:

`InternetProvider$safe_email()`

Method `free_email()`: a free email address

Usage:

`InternetProvider$free_email()`

Method `company_email()`: company email address

Usage:

`InternetProvider$company_email()`

Method `ascii_email()`: ascii email address

Usage:

`InternetProvider$ascii_email()`

Method `ascii_safe_email()`: safe ascii email address

Usage:

`InternetProvider$ascii_safe_email()`

Method `ascii_free_email()`: an ascii free email address

Usage:

`InternetProvider$ascii_free_email()`

Method `ascii_company_email()`: ascii company email address

Usage:

`InternetProvider$ascii_company_email()`

Method `user_name()`: a user name

Usage:

`InternetProvider$user_name()`

Method `tld()`: a tld

Usage:

`InternetProvider$tld()`

Method `free_email_domain()`: free email domain name

Usage:

`InternetProvider$free_email_domain()`

Method `url()`: a url

Usage:

`InternetProvider$url(schemes = NULL)`

Arguments:

`schemes` (character vector) a url scheme, defaults are http and https

Method `domain_name()`: Produce an Internet domain name with the specified number of sub-domain levels

Usage:

`InternetProvider$domain_name(levels = 1)`

Arguments:

`levels` (integer) how many levels, must be >1

Method `domain_word()`: a domain word

Usage:

`InternetProvider$domain_word()`

Method `ipv4()`: an ipv4 address or network

Usage:

`InternetProvider$ipv4(network = FALSE)`

Arguments:

`network` (logical) produce a network

Method `ipv6()`: an ipv6 address or network

Usage:

`InternetProvider$ipv6(network = FALSE)`

Arguments:

`network` (logical) produce a network

Method `mac_address()`: a mac address

Usage:

`InternetProvider$mac_address()`

Method `uri_page()`: a uri page

Usage:

`InternetProvider$uri_page()`

Method `uri_path()`: a uri path

Usage:

`InternetProvider$uri_path(deep = NULL)`

Arguments:

`deep` how deep to go, an integer, if not given an integer between 1 and 4 (inclusive) is chosen

Method `uri_extension()`: a uri extension

Usage:

`InternetProvider$uri_extension()`

Method `uri()`: a uri

Usage:

`InternetProvider$uri()`

Method `slug()`: a slug

Usage:

`InternetProvider$slug(value = NULL)`

Arguments:

`value` (character) a string, if given, returns itself, if not, uses [LoremProvider](#) to get a random string. default: NULL

Method `image_url()`: Returns URL to placeholder image - Example: <http://placeholder.it/640x480>

Usage:

`InternetProvider$image_url(width = NULL, height = NULL)`

Arguments:

`width` image width, in pixels

`height` image height, in pixels

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`InternetProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

InternetProvider_bg_BG

Internet provider for Bulgarian (Bulgaria)

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_bg_BG
```

Methods

Public methods:

- [InternetProvider_bg_BG\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_bg_BG$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other bg: [CompanyProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#), [bulgarian-language](#)

Other BG: [CompanyProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#)

Examples

```
x <- InternetProvider_bg_BG$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

InternetProvider_cs_CZ

Internet provider Czech

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_cs_CZ
```

Methods

Public methods:

- [InternetProvider_cs_CZ\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_cs_CZ$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other cs: [CompanyProvider_cs_CZ](#), [PersonProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#), [czech-language](#)

Other CZ: [CompanyProvider_cs_CZ](#), [PersonProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#)

Examples

```
x <- InternetProvider_cs_CZ$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

InternetProvider_de_DE

Internet provider German (Germany)

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_de_DE
```

Methods

Public methods:

- [InternetProvider_de_DE\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_de_DE$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other de: [CompanyProvider_de_DE](#), [PersonProvider_de_AT](#), [PersonProvider_de_DE](#), [PhoneNumberProvider_de_DE](#), [german-language](#)

Other DE: [CompanyProvider_de_DE](#), [PersonProvider_de_DE](#), [PhoneNumberProvider_de_DE](#)

Examples

```
x <- InternetProvider_de_DE$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

InternetProvider_en_AU

Internet provider English (Australia)

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider
-> InternetProvider_en_AU
```

Methods

Public methods:

- [InternetProvider_en_AU\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_en_AU$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other AU: [PhoneNumberProvider_en_AU](#)

Examples

```
x <- InternetProvider_en_AU$new()
x$mac_address()
```

InternetProvider_en_NZ

Internet provider for New-Zealand

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_en_NZ
```

Methods

Public methods:

- [InternetProvider_en_NZ\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_en_NZ$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other bg: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#), [bulgarian-language](#)

Other BG: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [PersonProvider_bg_BG](#), [PhoneNumberProvider_bg_BG](#)

Examples

```
x <- InternetProvider_en_NZ$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

InternetProvider_en_US

Internet provider for United States

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider
-> InternetProvider_en_US
```

Methods

Public methods:

- [InternetProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
x <- InternetProvider_en_US$new()
x$email()
x$free_email()
x$mac_address()
x$company_email()
```

InternetProvider_fa_IR

Internet provider for Iran

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_fa_IR
```

Methods

Public methods:

- [InternetProvider_fa_IR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_fa_IR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fa: [CompanyProvider_fa_IR](#), [JobProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#), [farsi-language](#)

Other IR: [CompanyProvider_fa_IR](#), [JobProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#)

Examples

```
x <- InternetProvider_fa_IR$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

InternetProvider_fr_FR

Internet provider for France

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_fr_FR
```

Methods

Public methods:

- [InternetProvider_fr_FR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_fr_FR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)

Other FR: [CompanyProvider_fr_FR](#), [JobProvider_fr_FR](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_FR](#)

Examples

```
x <- InternetProvider_fr_FR$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

InternetProvider_hr_HR

Internet provider for Croatian (Croatia)

Description

methods for internet related data, like email addresses, usernames, and websites.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::InternetProvider  
-> InternetProvider_hr_HR
```

Methods

Public methods:

- [InternetProvider_hr_HR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
InternetProvider_hr_HR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other hr: [CompanyProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#), [croatian-language](#)

Other HR: [CompanyProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#)

Examples

```
x <- InternetProvider_hr_HR$new()  
x$email()  
x$free_email()  
x$mac_address()  
x$company_email()
```

ISBNProvider

*ISBNProvider***Description**

International Standard Book Number - Provider. ISBN starts with group code, all English language ISBN-10 codes start with a 0 or 1, and all German language books start with a 3. see https://en.wikipedia.org/wiki/List_of_ISBN_registration_groups.

Charlatan does not provide further helpers for you, but you can supply the prefix yourself, if for instance you want to create Mexican ISBNs you can by supplying the ISBN10 prefix 970, or for Andorra supply the ISBN 13 prefix 97899920 (that is 978 for ISBN13, and 99920 for Andorra).

Super class

`charlatan::BareProvider` -> ISBNProvider

Methods**Public methods:**

- `ISBNProvider$isbn10()`
- `ISBNProvider$isbn13()`
- `ISBNProvider$clone()`

Method `isbn10()`: Make a ISBN10 This is a completely random (apart from the prefix), but valid ISBN10 number.

Usage:

```
ISBNProvider$isbn10(n = 1, prefix = NULL)
```

Arguments:

`n` (integer) number of ISBN10s to make, default=1
`prefix` (integer/character) prefix for ISBN

Method `isbn13()`: Make a ISBN13. This is a completely random (apart from the prefix), but valid ISBN13 number.

Usage:

```
ISBNProvider$isbn13(n = 1, prefix = NULL)
```

Arguments:

`n` (integer) number of ISBN10s to make, default=1
`prefix` (integer/character) prefix for ISBN

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
ISBNProvider$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

Examples

```
z <- ISBNProvider$new()
z$isbn10()
z$isbn13()
z$isbn10(10)
z$isbn13(100)
# or even z$isbn10(500)
```

italian-language	<i>Italian Language</i>
------------------	-------------------------

Description

Providers with the Italian locale (it).

See Also

Other it: [CompanyProvider_it_IT](#), [PersonProvider_it_IT](#), [PhoneNumberProvider_it_IT](#)
Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

japanese-language	<i>Japanese Language</i>
-------------------	--------------------------

Description

Providers with the Japanese locale (ja).

See Also

Other ja: [LoremProvider_ja_JP](#), [PersonProvider_ja_JP](#), [PhoneNumberProvider_ja_JP](#)
Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

JobProvider

JobProvider

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> JobProvider

Methods

Public methods:

- [JobProvider\\$render\(\)](#)
- [JobProvider\\$clone\(\)](#)

Method `render()`: Make a job

Usage:

`JobProvider$render()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`JobProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

JobProvider_da_DK	<i>Job provider for Danish</i>
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Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_da_DK

Methods**Public methods:**

- [JobProvider_da_DK\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_da_DK$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other da: [PersonProvider_da_DK](#), [PhoneNumberProvider_da_DK](#), [danish-language](#)

Other DK: [PersonProvider_da_DK](#), [PhoneNumberProvider_da_DK](#), [PhoneNumberProvider_dk_DK](#)

Examples

```
x <- JobProvider_da_DK$new()
x$render()
```

JobProvider_en_US	<i>Job provider for United States</i>
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Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::JobProvider -> JobProvider_en_US`

Methods**Public methods:**

- `JobProvider_en_US$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`JobProvider_en_US$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: `AddressProvider_en_GB`, `AddressProvider_en_NZ`, `AddressProvider_en_US`, `ColorProvider_en_US`, `CompanyProvider_en_US`, `ElementProvider_en_US`, `FileProvider_en_US`, `InternetProvider_en_AU`, `InternetProvider_en_US`, `LoremProvider_en_US`, `PersonProvider_en_GB`, `PersonProvider_en_NZ`, `PersonProvider_en_US`, `PhoneNumberProvider_en_AU`, `PhoneNumberProvider_en_CA`, `PhoneNumberProvider_en_GB`, `PhoneNumberProvider_en_NZ`, `PhoneNumberProvider_en_US`, `PhoneNumberProvider_es_MX`, `SSNProvider_en_US`, `TaxonomyProvider_en_US`, `UserAgentProvider_en_US`, `english-language`

Other US: `AddressProvider_en_US`, `ColorProvider_en_US`, `CompanyProvider_en_US`, `ElementProvider_en_US`, `FileProvider_en_US`, `InternetProvider_en_US`, `LoremProvider_en_US`, `PersonProvider_en_US`, `PhoneNumberProvider_en_US`, `SSNProvider_en_US`, `TaxonomyProvider_en_US`, `UserAgentProvider_en_US`

Examples

```
x <- JobProvider_en_US$new()
x$render()
```

JobProvider_fa_IR	<i>Job provider for Iran (Persian)</i>
-------------------	--

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_fa_IR

Methods

Public methods:

- [JobProvider_fa_IR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_fa_IR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fa: [CompanyProvider_fa_IR](#), [InternetProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#), [farsi-language](#)

Other IR: [CompanyProvider_fa_IR](#), [InternetProvider_fa_IR](#), [PersonProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#)

Examples

```
x <- JobProvider_fa_IR$new()
x$render()
```

JobProvider_fi_FI	<i>Job provider for Finnish</i>
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Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_fi_FI

Methods

Public methods:

- [JobProvider_fi_FI\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_fi_FI$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fi: [PersonProvider_fi_FI](#), [PhoneNumberProvider_fi_FI](#)

Other FI: [PersonProvider_fi_FI](#), [PhoneNumberProvider_fi_FI](#)

Examples

```
x <- JobProvider_fi_FI$new()
x$render()
```

JobProvider_fr_CH	<i>Job provider for Zwitterland</i>
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Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_fr_CH

Methods

Public methods:

- [JobProvider_fr_CH\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_fr_CH$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)

Other CH: [PersonProvider_fr_CH](#), [PhoneNumberProvider_fr_CH](#)

Examples

```
x <- JobProvider_fr_CH$new()
x$render()
```

JobProvider_fr_FR	<i>Job provider for France</i>
-------------------	--------------------------------

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_fr_FR

Methods

Public methods:

- [JobProvider_fr_FR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_fr_FR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)

Other FR: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_FR](#)

Examples

```
x <- JobProvider_fr_FR$new()
x$render()
```

JobProvider_hr_HR	<i>Job provider for Croatia</i>
-------------------	---------------------------------

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_hr_HR

Methods

Public methods:

- [JobProvider_hr_HR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_hr_HR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other hr: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#), [croatian-language](#)

Other HR: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [PersonProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#)

Examples

```
x <- JobProvider_hr_HR$new()
x$render()
```

JobProvider_nl_NL	<i>Job provider for Netherlands</i>
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Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_nl_NL

Methods

Public methods:

- [JobProvider_nl_NL\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
JobProvider_nl_NL$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other nl: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_BE](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#), [dutch-language](#)

Other NL: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#)

Examples

```
x <- JobProvider_nl_NL$new()
x$render()
```

JobProvider_pl_PL	<i>Job provider for Poland</i>
-------------------	--------------------------------

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_pl_PL

Methods**Public methods:**

- [JobProvider_pl_PL\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_pl_PL$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other pl: [PersonProvider_pl_PL](#), [PhoneNumberProvider_pl_PL](#), [polish-language](#)

Other PL: [PersonProvider_pl_PL](#), [PhoneNumberProvider_pl_PL](#)

Examples

```
x <- JobProvider_pl_PL$new()
x$render()
```

JobProvider_ru_RU	<i>Job provider for Russia</i>
-------------------	--------------------------------

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_ru_RU

Methods

Public methods:

- [JobProvider_ru_RU\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_ru_RU$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ru: [LoremProvider_ru_RU](#), [PhoneNumberProvider_ru_RU](#), [russian-language](#)

Other RU: [LoremProvider_ru_RU](#), [PhoneNumberProvider_ru_RU](#)

Examples

```
x <- JobProvider_ru_RU$new()
x$render()
```

JobProvider_uk_UA	<i>Job provider for Ukraine</i>
-------------------	---------------------------------

Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_uk_UA

Methods**Public methods:**

- [JobProvider_uk_UA\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
JobProvider_uk_UA$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other uk: [ColorProvider_uk_UA](#), [PhoneNumberProvider_uk_UA](#), [ukrainian-language](#)

Other UA: [ColorProvider_uk_UA](#), [PhoneNumberProvider_uk_UA](#)

Examples

```
x <- JobProvider_uk_UA$new()
x$render()
```

JobProvider_zh_TW	<i>Job provider for Taiwan</i>
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Description

generate jobs

Value

A JobProvider object with methods for jobs

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::JobProvider](#) -> JobProvider_zh_TW

Methods

Public methods:

- [JobProvider_zh_TW\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
JobProvider_zh_TW$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other zh: [LoremProvider_zh_CN](#), [LoremProvider_zh_TW](#), [PhoneNumberProvider_zh_TW](#), [chinese-language](#)

Other TW: [LoremProvider_zh_TW](#), [PhoneNumberProvider_zh_TW](#)

Examples

```
x <- JobProvider_zh_TW$new()
x$render()
```

korean-language	<i>Korean Language</i>
-----------------	------------------------

Description

Providers with the Korean locale (ko).

See Also

Other ko: [PersonProvider_ko_KR](#), [PhoneNumberProvider_ko_KR](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

latin-language	<i>Latin Language</i>
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Description

Providers with the Latin locale (la).

See Also

Other la: [LoremProvider_la](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

latvian-language	<i>Latvian Language</i>
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Description

Providers with the Latvian locale (lv).

See Also

Other lv: [PersonProvider_lv_LV](#), [PhoneNumberProvider_lv_LV](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

lithuanian-language	<i>Lithuanian Language</i>
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Description

Providers with the Lithuanian locale (lv).

See Also

Other lt: [PersonProvider_lt_LT](#), [PhoneNumberProvider_lt_LT](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

 LoremProvider

LoremProvider

Description

lorem ipsum methods for generating random words in a language. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> LoremProvider`

Methods

Public methods:

- `LoremProvider$new()`
- `LoremProvider$word()`
- `LoremProvider$words()`
- `LoremProvider$sentence()`
- `LoremProvider$sentences()`
- `LoremProvider$paragraph()`
- `LoremProvider$paragraphs()`
- `LoremProvider$text()`
- `LoremProvider$clone()`

Method `new()`: Create a new LoremProvider object

Usage:

```
LoremProvider$new(sentence_punctuation = ".", word_connector = " ")
```

Arguments:

`sentence_punctuation` (character) End of sentence punctuation

`word_connector` (character) Default connector between words

Returns: A new LoremProvider object

Method `word()`: Generate a random word

Usage:

```
LoremProvider$word(ext_words = NULL)
```

Arguments:

`ext_words` a character vector of words you would like to have instead of "Lorem ipsum"

Returns: a single word

Method `words()`: Generate a character vector of random words

Usage:

```
LoremProvider$words(nb = 3, ext_words = NULL)
```

Arguments:

nb (integer) how many words to return

ext_words a character vector of words you would like to have instead of "Lorem ipsum"

Returns: many words

Method sentence(): Generate a random sentence

Usage:

```
LoremProvider$sentence(  
  nb_words = 6,  
  variable_nb_words = TRUE,  
  ext_words = NULL  
)
```

Arguments:

nb_words (integer) around how many words the sentence should contain

variable_nb_words set to FALSE if you want exactly nb words returned, otherwise the result may include a number of words of nb +/-40% (with a minimum of 1)

ext_words a character vector of words you would like to have instead of "Lorem ipsum"

Returns: a single sentence

Method sentences(): Generate a character vector of random sentences

Usage:

```
LoremProvider$sentences(nb = 3, ext_words = NULL)
```

Arguments:

nb (integer) how many sentences to return

ext_words a character vector of words you would like to have instead of "Lorem ipsum"

Returns: many sentences

Method paragraph(): Generate a single paragraph

Usage:

```
LoremProvider$paragraph(  
  nb_sentences = 3,  
  variable_nb_sentences = TRUE,  
  ext_words = NULL  
)
```

Arguments:

nb_sentences (integer) around how many sentences the paragraph should contain

variable_nb_sentences set to FALSE if you want exactly nb sentences returned, otherwise the result may include a number of sentences of nb +/-40% (with a minimum of 1)

ext_words a character vector of words you would like to have instead of "Lorem ipsum"

Returns: a single paragraph

Method paragraphs(): Generate many paragraphs

Usage:

```
LoremProvider$paragraphs(nb = 3, ext_words = NULL)
```

Arguments:

`nb` (integer) how many paragraphs to return

`ext_words` a character vector of words you would like to have instead of "Lorem ipsum"

Returns: many paragraphs

Method `text()`: Generate a random text string. Depending on the `max_nb_chars`, returns a string made of words, sentences, or paragraphs.

Usage:

```
LoremProvider$text(max_nb_chars = 200, ext_words = NULL)
```

Arguments:

`max_nb_chars` Maximum number of characters the text should contain (minimum 5)

`ext_words` a character vector of words you would like to have instead of "Lorem ipsum"

Returns: character string of words

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

Note

You cannot instantiate the Parent providers. You must use one of the localized one.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

LoremProvider_ar_AA *Lorem provider Arabic*

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_ar_AA
```

Methods**Public methods:**

- [LoremProvider_ar_AA\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_ar_AA$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ar: [arabic-language](#)

Examples

```
x <- LoremProvider_ar_AA$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_ar_AA$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_el_GR *Lorem provider Greek (Greece)*

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_el_GR
```

Methods

Public methods:

- [LoremProvider_el_GR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_el_GR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other el: [PhoneNumberProvider_el_GR, greek-language](#)

Other GR: [PhoneNumberProvider_el_GR](#)

Examples

```
x <- LoremProvider_el_GR$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_el_GR$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_en_US	<i>Lorem provider English (USA)</i>
---------------------	-------------------------------------

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_en_US
```

Methods

Public methods:

- [LoremProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
x <- LoremProvider_en_US$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_en_US$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_he_IL *Lorem provider Hebrew*

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider -> LoremProvider_he_IL`

Methods**Public methods:**

- `LoremProvider_he_IL$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`LoremProvider_he_IL$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other he: [PhoneNumberProvider_he_IL, hebrew-language](#)

Other IL: [PhoneNumberProvider_he_IL](#)

Examples

```
x <- LoremProvider_he_IL$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_he_IL$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_ja_JP *Lorem provider Japanese*

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider -> LoremProvider_ja_JP`

Methods**Public methods:**

- [LoremProvider_ja_JP\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_ja_JP$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ja: [PersonProvider_ja_JP](#), [PhoneNumberProvider_ja_JP](#), [japanese-language](#)

Other JP: [PersonProvider_ja_JP](#), [PhoneNumberProvider_ja_JP](#)

Examples

```
x <- LoremProvider_ja_JP$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_ja_JP$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_la

Lorem provider Latin

Description

lorem ipsum methods for generating random words in a language. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_la
```

Methods

Public methods:

- [LoremProvider_la\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_la$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other la: [latin-language](#)

Examples

```
x <- LoremProvider_la$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_la$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_ru_RU *Lorem provider Russian (Russia)*

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_ru_RU
```

Methods**Public methods:**

- [LoremProvider_ru_RU\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_ru_RU$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ru: [JobProvider_ru_RU](#), [PhoneNumberProvider_ru_RU](#), [russian-language](#)

Other RU: [JobProvider_ru_RU](#), [PhoneNumberProvider_ru_RU](#)

Examples

```
x <- LoremProvider_ru_RU$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_ru_RU$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_zh_CN	<i>Lorem provider Chinese (China)</i>
---------------------	---------------------------------------

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_zh_CN
```

Methods

Public methods:

- [LoremProvider_zh_CN\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_zh_CN$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other zh: [JobProvider_zh_TW](#), [LoremProvider_zh_TW](#), [PhoneNumberProvider_zh_TW](#), [chinese-language](#)

Examples

```
x <- LoremProvider_zh_CN$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_zh_CN$new(word_connector = " --- ")
x$paragraph(4)
```

LoremProvider_zh_TW *Lorem provider Chinese (Taiwan)*

Description

Methods for Lorem Ipsum generation. Lorem Ipsum is a placeholder text commonly used to demonstrate the visual form of a document or a typeface without relying on meaningful content.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::LoremProvider ->
LoremProvider_zh_TW
```

Methods**Public methods:**

- [LoremProvider_zh_TW\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
LoremProvider_zh_TW$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other zh: [JobProvider_zh_TW](#), [LoremProvider_zh_CN](#), [PhoneNumberProvider_zh_TW](#), [chinese-language](#)

Other TW: [JobProvider_zh_TW](#), [PhoneNumberProvider_zh_TW](#)

Examples

```
x <- LoremProvider_zh_TW$new()
x$word()
x$words(3)
x$words(6)
x$sentence()
x$paragraph()
x$paragraphs(3)
cat(x$paragraphs(6), sep = "\n")
x$text(19)
x <- LoremProvider_zh_TW$new(word_connector = " --- ")
x$paragraph(4)
```

norwegian-language	<i>Norwegian Language</i>
--------------------	---------------------------

Description

Providers with the Norwegian locale (no).

See Also

Other no: [PersonProvider_no_NO](#), [PhoneNumberProvider_no_NO](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

numerics*Create numbers*

Description

Create numbers

Usage

```
ch_double(n = 1, mean = 0, sd = 1)
ch_integer(n = 1, min = 1, max = 1000)
ch_unif(n = 1, min = 0, max = 9999)
ch_norm(n = 1, mean = 0, sd = 1)
ch_lnorm(n = 1, mean = 0, sd = 1)
ch_beta(n = 1, shape1, shape2, ncp = 0)
```

Arguments

n	(integer) number of things to get, any non-negative integer
mean	mean value
sd	standard deviation
min	minimum value
max	maximum value
shape1, shape2	non-negative parameters of the Beta distribution
ncp	non-centrality parameter

Examples

```
ch_double()
ch_double(10)
ch_double(100)

ch_integer()
ch_integer(10)
ch_integer(100)

ch_unif()
ch_norm()
ch_lnorm()
ch_beta(shape1 = 1, shape2 = 1)
```

PersonProvider

PersonProvider

Description

PersonProvider

PersonProvider

Details

Methods for Persons, methods for generating names.

Value

A PersonProvider object that can create names.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> PersonProvider`

Active bindings

`messy` show current setting for messy. Either TRUE or FALSE depending on configuration and if this is even possible for the locale.

Methods

Public methods:

- `PersonProvider$new()`
- `PersonProvider$messy_is_possible()`
- `PersonProvider$change_messy()`
- `PersonProvider$render()`
- `PersonProvider$messy_switch()`
- `PersonProvider$first_name()`
- `PersonProvider$first_name_female()`
- `PersonProvider$first_name_male()`
- `PersonProvider$last_name()`
- `PersonProvider$last_name_female()`
- `PersonProvider$last_name_male()`
- `PersonProvider$prefix()`
- `PersonProvider$prefix_female()`
- `PersonProvider$prefix_male()`
- `PersonProvider$suffix()`
- `PersonProvider$suffix_female()`
- `PersonProvider$suffix_male()`

- `PersonProvider$clone()`

Method `new()`: Create a new PersonProvider object

Usage:

`PersonProvider$new(messy = FALSE)`

Arguments:

`messy` make it messy

Method `messy_is_possible()`: internal function to figure out if messy is a valid option for this locale.

Usage:

`PersonProvider$messy_is_possible()`

Method `change_messy()`: Change messy (if possible)

Usage:

`PersonProvider$change_messy(messy)`

Arguments:

`messy` TRUE or FALSE

Method `render()`: Make a person's name

Usage:

`PersonProvider$render(fmt = NULL)`

Arguments:

`fmt` (character) a name format, default: NULL

Method `messy_switch()`: messy switch (internal). Always return a text, when messy is allowed return a messy version, but otherwise return a clean version.

Usage:

`PersonProvider$messy_switch(clean_choice, messy_choice)`

Arguments:

`clean_choice` the clean version

`messy_choice` the messy version

Method `first_name()`: make a first name

Usage:

`PersonProvider$first_name()`

Method `first_name_female()`: make a female first name

Usage:

`PersonProvider$first_name_female()`

Method `first_name_male()`: make a male first name

Usage:

`PersonProvider$first_name_male()`

Method last_name(): make a last name

Usage:

PersonProvider\$last_name()

Method last_name_female(): make a female last name

Usage:

PersonProvider\$last_name_female()

Method last_name_male(): make a male last name

Usage:

PersonProvider\$last_name_male()

Method prefix(): make a name prefix

Usage:

PersonProvider\$prefix()

Method prefix_female(): make a female name prefix

Usage:

PersonProvider\$prefix_female()

Method prefix_male(): make a male name prefix

Usage:

PersonProvider\$prefix_male()

Method suffix(): make a name suffix

Usage:

PersonProvider\$suffix()

Method suffix_female(): make a female name suffix

Usage:

PersonProvider\$suffix_female()

Method suffix_male(): make a male name suffix

Usage:

PersonProvider\$suffix_male()

Method clone(): The objects of this class are cloneable with this method.

Usage:

PersonProvider\$clone(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

Note

You cannot instantiate the Parent providers. You must use one of the localized one.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

PersonProvider_bg_BG *Person Provider for Bulgarian (Bulgaria)*

Description

Person Provider for Bulgarian (Bulgaria)

Person Provider for Bulgarian (Bulgaria)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PersonProvider` -> `PersonProvider_bg_BG`

Methods

Public methods:

- `PersonProvider_bg_BG$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PersonProvider_bg_BG$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other bg: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PhoneNumberProvider_bg_BG](#), [bulgarian-language](#)

Other BG: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PhoneNumberProvider_bg_BG](#)

Examples

```
x <- PersonProvider_bg_BG$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_cs_CZ *Person Provider for Czech (Czech Republic)*

Description

Person Provider for Czech (Czech Republic)

Person Provider for Czech (Czech Republic)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_cs_CZ
```

Methods**Public methods:**

- `PersonProvider_cs_CZ$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_cs_CZ$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other cs: [CompanyProvider_cs_CZ](#), [InternetProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#), [czech-language](#)

Other CZ: [CompanyProvider_cs_CZ](#), [InternetProvider_cs_CZ](#), [PhoneNumberProvider_cs_CZ](#)

Examples

```
x <- PersonProvider_cs_CZ$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_da_DK *Person Provider for Danish (Denmark)*

Description

Person Provider for Danish (Denmark)

Person Provider for Danish (Denmark)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_da_DK
```

Methods**Public methods:**

- [PersonProvider_da_DK\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_da_DK$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other da: [JobProvider_da_DK](#), [PhoneNumberProvider_da_DK](#), [danish-language](#)

Other DK: [JobProvider_da_DK](#), [PhoneNumberProvider_da_DK](#), [PhoneNumberProvider_dk_DK](#)

Examples

```
x <- PersonProvider_da_DK$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_de_AT *Person Provider for Austrian German*

Description

Person Provider for Austrian German

Person Provider for Austrian German

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_de_AT
```

Methods**Public methods:**

- [PersonProvider_de_AT\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_de_AT$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other de: [CompanyProvider_de_DE](#), [InternetProvider_de_DE](#), [PersonProvider_de_DE](#), [PhoneNumberProvider_de_DE](#), [german-language](#)

Examples

```
x <- PersonProvider_de_AT$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_de_DE *Person Provider for German (Germany)*

Description

Person Provider for German (Germany)

Person Provider for German (Germany)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_de_DE
```

Methods**Public methods:**

- [PersonProvider_de_DE\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_de_DE$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other de: [CompanyProvider_de_DE](#), [InternetProvider_de_DE](#), [PersonProvider_de_AT](#), [PhoneNumberProvider_de_DE](#), [german-language](#)

Other DE: [CompanyProvider_de_DE](#), [InternetProvider_de_DE](#), [PhoneNumberProvider_de_DE](#)

Examples

```
x <- PersonProvider_de_DE$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_en_GB *Person Provider for English (Great Britain)*

Description

Person Provider for English (Great Britain)

Person Provider for English (Great Britain)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_en_GB
```

Methods**Public methods:**

- [PersonProvider_en_GB\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_en_GB$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other GB: [AddressProvider_en_GB](#), [PhoneNumberProvider_en_GB](#)

Examples

```
x <- PersonProvider_en_GB$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_en_NZ *Person Provider for English (New Zealand)*

Description

Person Provider for English (New Zealand)

Person Provider for English (New Zealand)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_en_NZ
```

Methods

Public methods:

- [PersonProvider_en_NZ\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_en_NZ$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other NZ: [AddressProvider_en_NZ](#), [PhoneNumberProvider_en_NZ](#)

Examples

```
x <- PersonProvider_en_NZ$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_en_US *Person Provider for English (United States)*

Description

Person Provider for English (United States)

Person Provider for English (United States)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_en_US
```

Methods**Public methods:**

- [PersonProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
x <- PersonProvider_en_US$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_es_ES *Person Provider for Spanish (Spain)*

Description

Person Provider for Spanish (Spain)

Person Provider for Spanish (Spain)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider -> PersonProvider_es_ES`

Methods

Public methods:

- `PersonProvider_es_ES$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PersonProvider_es_ES$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other es: [CompanyProvider_es_MX](#), [PersonProvider_es_MX](#), [PhoneNumberProvider_es_ES](#), [PhoneNumberProvider_es_spanish-language](#)

Other ES: [PhoneNumberProvider_es_ES](#)

Examples

```
x <- PersonProvider_es_ES$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_es_MX *Person Provider for Spanish (Mexico)*

Description

Person Provider for Spanish (Mexico)

Person Provider for Spanish (Mexico)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_es_MX
```

Methods**Public methods:**

- [PersonProvider_es_MX\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_es_MX$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other es: [CompanyProvider_es_MX](#), [PersonProvider_es_ES](#), [PhoneNumberProvider_es_ES](#), [PhoneNumberProvider_es_spanish-language](#)

Other MX: [CompanyProvider_es_MX](#), [PhoneNumberProvider_es_MX](#)

Examples

```
x <- PersonProvider_de_AT$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_fa_IR *Person Provider for Farsi (Iran)*

Description

Person Provider for Farsi (Iran)

Person Provider for Farsi (Iran)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_fa_IR
```

Methods**Public methods:**

- [PersonProvider_fa_IR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_fa_IR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fa: [CompanyProvider_fa_IR](#), [InternetProvider_fa_IR](#), [JobProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#), [farsi-language](#)

Other IR: [CompanyProvider_fa_IR](#), [InternetProvider_fa_IR](#), [JobProvider_fa_IR](#), [PhoneNumberProvider_fa_IR](#)

Examples

```
x <- PersonProvider_fa_IR$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_fi_FI *Person Provider for Finnish (Finland)*

Description

Person Provider for Finnish (Finland)

Person Provider for Finnish (Finland)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_fi_FI
```

Methods**Public methods:**

- [PersonProvider_fi_FI\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_fi_FI$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fi: [JobProvider_fi_FI](#), [PhoneNumberProvider_fi_FI](#)

Other FI: [JobProvider_fi_FI](#), [PhoneNumberProvider_fi_FI](#)

Examples

```
x <- PersonProvider_fi_FI$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_fr_CH *Person Provider for French (Switzerland)*

Description

Person Provider for French (Switzerland)

Person Provider for French (Switzerland)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_fr_CH
```

Methods**Public methods:**

- [PersonProvider_fr_CH\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_fr_CH$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)
 Other CH: [JobProvider_fr_CH](#), [PhoneNumberProvider_fr_CH](#)

Examples

```
x <- PersonProvider_fr_CH$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_fr_FR *Person Provider for French (France)*

Description

Person Provider for French (France)
 Person Provider for French (France)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_fr_FR
```

Methods**Public methods:**

- [PersonProvider_fr_FR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_fr_FR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PhoneNumberProvider_fr_CH](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)

Other FR: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_FR](#), [PhoneNumberProvider_fr_FR](#)

Examples

```
x <- PersonProvider_fr_FR$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_hr_HR *Person Provider for Croatian (Croatia)*

Description

Person Provider for Croatian (Croatia)

Person Provider for Croatian (Croatia)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_hr_HR
```

Methods**Public methods:**

- [PersonProvider_hr_HR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_hr_HR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other hr: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#), [croatian-language](#)

Other HR: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PhoneNumberProvider_hr_HR](#)

Examples

```
x <- PersonProvider_hr_HR$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_it_IT *Person Provider for Italian (Italy)*

Description

Person Provider for Italian (Italy)

Person Provider for Italian (Italy)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_it_IT
```

Methods**Public methods:**

- [PersonProvider_it_IT\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_it_IT$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other it: [CompanyProvider_it_IT](#), [PhoneNumberProvider_it_IT](#), [italian-language](#)

Other IT: [CompanyProvider_it_IT](#), [PhoneNumberProvider_it_IT](#)

Examples

```
x <- PersonProvider_it_IT$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_ja_JP *Person Provider for Japanese (Japan)*

Description

Person Provider for Japanese (Japan)

Person Provider for Japanese (Japan)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_ja_JP
```

Methods**Public methods:**

- [PersonProvider_ja_JP\\$kana_name\(\)](#)
- [PersonProvider_ja_JP\\$first_kana_name\(\)](#)
- [PersonProvider_ja_JP\\$last_kana_name\(\)](#)
- [PersonProvider_ja_JP\\$first_kana_name_male\(\)](#)
- [PersonProvider_ja_JP\\$first_kana_name_female\(\)](#)

- [PersonProvider_ja_JP\\$clone\(\)](#)

Method kana_name(): create a kana name.

Usage:

```
PersonProvider_ja_JP$kana_name()
```

Method first_kana_name(): Generate first name (kana)

Usage:

```
PersonProvider_ja_JP$first_kana_name()
```

Method last_kana_name(): Generate last name (kana)

Usage:

```
PersonProvider_ja_JP$last_kana_name()
```

Method first_kana_name_male(): Generate first name male (kana)

Usage:

```
PersonProvider_ja_JP$first_kana_name_male()
```

Method first_kana_name_female(): Generate first name female (kana)

Usage:

```
PersonProvider_ja_JP$first_kana_name_female()
```

Method clone(): The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_ja_JP$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other ja: [LoremProvider_ja_JP](#), [PhoneNumberProvider_ja_JP](#), [japanese-language](#)

Other JP: [LoremProvider_ja_JP](#), [PhoneNumberProvider_ja_JP](#)

Examples

```
x <- PersonProvider_ja_JP$new()
x$locale
x$render()
x$first_name()
x$first_kana_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_ko_KR *Person Provider for Korean (Republic of Korea)*

Description

Person Provider for Korean (Republic of Korea)

Person Provider for Korean (Republic of Korea)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PersonProvider](#) -> [PersonProvider_ko_KR](#)

Methods

Public methods:

- [PersonProvider_ko_KR\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PersonProvider_ko_KR\\$clone\(deep = FALSE\)](#)

Arguments:

[deep](#) Whether to make a deep clone.

See Also

Other ko: [PhoneNumberProvider_ko_KR](#), [korean-language](#)

Other KR: [PhoneNumberProvider_ko_KR](#)

Examples

```
x <- PersonProvider_hr_HR$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
```

```
x$last_name_female()
x$last_name_male()
```

PersonProvider_lt_LT *Person Provider for Lithuanian (Lithuania)*

Description

Person Provider for Lithuanian (Lithuania)

Person Provider for Lithuanian (Lithuania)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_lt_LT
```

Methods

Public methods:

- [PersonProvider_lt_LT\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_lt_LT$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other lt: [PhoneNumberProvider_lt_LT](#), [lithuanian-language](#)

Other LT: [PhoneNumberProvider_lt_LT](#)

Examples

```
x <- PersonProvider_lt_LT$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_lv_LV *Person Provider for Latvian (Latvia)*

Description

Person Provider for Latvian (Latvia)

Person Provider for Latvian (Latvia)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_lv_LV
```

Methods**Public methods:**

- [PersonProvider_lv_LV\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_lv_LV$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other lv: [PhoneNumberProvider_lv_LV](#), [latvian-language](#)

Other LV: [PhoneNumberProvider_lv_LV](#)

Examples

```
x <- PersonProvider_lv_LV$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_ne_NP *Person Provider for Nepali (Nepal)*

Description

Person Provider for Nepali (Nepal)

Person Provider for Nepali (Nepal)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_ne_NP
```

Methods**Public methods:**

- [PersonProvider_ne_NP\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_ne_NP$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ne: [PhoneNumberProvider_ne_NP](#)

Other NP: [PhoneNumberProvider_ne_NP](#)

Examples

```
x <- PersonProvider_ne_NP$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_nl_NL *Person Provider for Dutch (Netherlands)*

Description

Person Provider for Dutch (Netherlands)

Person Provider for Dutch (Netherlands)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_nl_NL
```

Methods**Public methods:**

- [PersonProvider_nl_NL\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_nl_NL$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other nl: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PhoneNumberProvider_nl_BE](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#), [dutch-language](#)

Other NL: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#)

Examples

```
x <- PersonProvider_nl_NL$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_no_NO *Person Provider for Norwegian (Norway)*

Description

Person Provider for Norwegian (Norway)

Person Provider for Norwegian (Norway)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_no_NO
```

Methods**Public methods:**

- [PersonProvider_no_NO\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_no_NO$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other no: [PhoneNumberProvider_no_NO](#), [norwegian-language](#)

Other NO: [PhoneNumberProvider_nn_NO](#), [PhoneNumberProvider_no_NO](#)

Examples

```
x <- PersonProvider_no_NO$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PersonProvider_pl_PL *Person Provider for Polish (Poland)*

Description

Person Provider for Polish (Poland)

Person Provider for Polish (Poland)

Details

Note for female and male components that we fall back on generic versions if the locale doesn't provide a male/female version. e.g., if no female first name we use first name

Value

A PersonProvider object that can create names.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PersonProvider ->
PersonProvider_pl_PL
```

Methods

Public methods:

- [PersonProvider_pl_PL\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PersonProvider_pl_PL$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other pl: [JobProvider_pl_PL](#), [PhoneNumberProvider_pl_PL](#), [polish-language](#)

Other PL: [JobProvider_pl_PL](#), [PhoneNumberProvider_pl_PL](#)

Examples

```
x <- PersonProvider_pl_PL$new()
x$locale
x$render()
x$first_name()
x$first_name_female()
x$first_name_male()
x$last_name()
x$last_name_female()
x$last_name_male()
```

PhoneNumberProvider	<i>PhoneNumberProvider</i>
---------------------	----------------------------

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> PhoneNumberProvider

Methods**Public methods:**

- [PhoneNumberProvider\\$render\(\)](#)
- [PhoneNumberProvider\\$clone\(\)](#)

Method `render()`: Make a phone number

Usage:

`PhoneNumberProvider$render()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [TaxonomyProvider](#), [UserAgentProvider](#)

PhoneNumberProvider_bg_BG

PhoneNumberProvider for Bulgaria

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider
-> PhoneNumberProvider_bg_BG
```

Methods**Public methods:**

- [PhoneNumberProvider_bg_BG\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_bg_BG$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other bg: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#), [bulgarian-language](#)

Other BG: [CompanyProvider_bg_BG](#), [InternetProvider_bg_BG](#), [InternetProvider_en_NZ](#), [PersonProvider_bg_BG](#)

Examples

```
z <- PhoneNumberProvider_bg_BG$new()
z$render()
```

PhoneNumberProvider_bs_BA

PhoneNumberProvider for Bosnia and Herzegovina

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider
-> PhoneNumberProvider_bs_BA
```

Methods**Public methods:**

- [PhoneNumberProvider_bs_BA\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_bs_BA$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other bs: [bosnian-language](#)

Examples

```
z <- PhoneNumberProvider_bs_BA$new()
z$render()
```

PhoneNumberProvider_cs_CZ

PhoneNumberProvider for Chechia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_cs_CZ](#)

Methods

Public methods:

- [PhoneNumberProvider_cs_CZ\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PhoneNumberProvider_cs_CZ\\$clone\(deep = FALSE\)](#)

Arguments:

[deep](#) Whether to make a deep clone.

See Also

Other cs: [CompanyProvider_cs_CZ](#), [InternetProvider_cs_CZ](#), [PersonProvider_cs_CZ](#), [czech-language](#)

Other CZ: [CompanyProvider_cs_CZ](#), [InternetProvider_cs_CZ](#), [PersonProvider_cs_CZ](#)

Examples

```
z <- PhoneNumberProvider_cs_CZ$new()
z$render()
```

PhoneNumberProvider_da_DK

PhoneNumberProvider for Denmark

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
-> `PhoneNumberProvider_da_DK`

Methods

Public methods:

- `PhoneNumberProvider_da_DK$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_da_DK$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other da: [JobProvider_da_DK](#), [PersonProvider_da_DK](#), [danish-language](#)

Other DK: [JobProvider_da_DK](#), [PersonProvider_da_DK](#), [PhoneNumberProvider_dk_DK](#)

Examples

```
z <- PhoneNumberProvider_da_DK$new()
z$render()
```

PhoneNumberProvider_de_DE

PhoneNumberProvider for Germany

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_de_DE](#)

Methods

Public methods:

- [PhoneNumberProvider_de_DE\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_de_DE$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other de: [CompanyProvider_de_DE](#), [InternetProvider_de_DE](#), [PersonProvider_de_AT](#), [PersonProvider_de_DE](#), [german-language](#)

Other DE: [CompanyProvider_de_DE](#), [InternetProvider_de_DE](#), [PersonProvider_de_DE](#)

Examples

```
z <- PhoneNumberProvider_de_DE$new()
z$render()
```

PhoneNumberProvider_dk_DK

PhoneNumberProvider for Denmark

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_dk_DK](#)

Methods

Public methods:

- [PhoneNumberProvider_dk_DK\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_dk_DK$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other DK: [JobProvider_da_DK](#), [PersonProvider_da_DK](#), [PhoneNumberProvider_da_DK](#)

Examples

```
z <- PhoneNumberProvider_en_GB$new()  
z$render()
```

PhoneNumberProvider_el_GR

PhoneNumberProvider for Greece

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_el_GR](#)

Methods

Public methods:

- [PhoneNumberProvider_el_GR\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_el_GR$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other el: [LoremProvider_el_GR](#), [greek-language](#)

Other GR: [LoremProvider_el_GR](#)

Examples

```
z <- PhoneNumberProvider_el_GR$new()  
z$render()
```

 PhoneNumberProvider_en_AU

PhoneNumberProvider for Australia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
 -> `PhoneNumberProvider_en_AU`

Methods

Public methods:

- `PhoneNumberProvider_en_AU$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_en_AU$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: `AddressProvider_en_GB`, `AddressProvider_en_NZ`, `AddressProvider_en_US`, `ColorProvider_en_US`, `CompanyProvider_en_US`, `ElementProvider_en_US`, `FileProvider_en_US`, `InternetProvider_en_AU`, `InternetProvider_en_US`, `JobProvider_en_US`, `LoremProvider_en_US`, `PersonProvider_en_GB`, `PersonProvider_en_NZ`, `PersonProvider_en_US`, `PhoneNumberProvider_en_CA`, `PhoneNumberProvider_en_GB`, `PhoneNumberProvider_en_NZ`, `PhoneNumberProvider_en_US`, `PhoneNumberProvider_es_MX`, `SSNProvider_en_US`, `TaxonomyProvider_en_US`, `UserAgentProvider_en_US`, `english-language`

Other AU: `InternetProvider_en_AU`

Examples

```
z <- PhoneNumberProvider_en_AU$new()
z$render()
```

PhoneNumberProvider_en_CA

PhoneNumberProvider for Canada

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumber.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
-> `PhoneNumberProvider_en_CA`

Methods

Public methods:

- `PhoneNumberProvider_en_CA$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_en_CA$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Examples

```
z <- PhoneNumberProvider_en_CA$new()
z$render()
```

 PhoneNumberProvider_en_GB

PhoneNumberProvider for Great Britain

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
 -> `PhoneNumberProvider_en_GB`

Methods

Public methods:

- `PhoneNumberProvider_en_GB$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_en_GB$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other GB: [AddressProvider_en_GB](#), [PersonProvider_en_GB](#)

Examples

```
z <- PhoneNumberProvider_en_GB$new()
z$render()
```

PhoneNumberProvider_en_NZ

PhoneNumberProvider for New Zealand

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider`
`-> PhoneNumberProvider_en_NZ`

Methods

Public methods:

- `PhoneNumberProvider_en_NZ$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_en_NZ$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: `AddressProvider_en_GB`, `AddressProvider_en_NZ`, `AddressProvider_en_US`, `ColorProvider_en_US`, `CompanyProvider_en_US`, `ElementProvider_en_US`, `FileProvider_en_US`, `InternetProvider_en_AU`, `InternetProvider_en_US`, `JobProvider_en_US`, `LoremProvider_en_US`, `PersonProvider_en_GB`, `PersonProvider_en_NZ`, `PersonProvider_en_US`, `PhoneNumberProvider_en_AU`, `PhoneNumberProvider_en_CA`, `PhoneNumberProvider_en_GB`, `PhoneNumberProvider_en_US`, `PhoneNumberProvider_es_MX`, `SSNProvider_en_US`, `TaxonomyProvider_en_US`, `UserAgentProvider_en_US`, `english-language`

Other NZ: `AddressProvider_en_NZ`, `PersonProvider_en_NZ`

Examples

```
z <- PhoneNumberProvider_en_NZ$new()
z$render()
```

 PhoneNumberProvider_en_US

PhoneNumberProvider for United States of America

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider
-> PhoneNumberProvider_en_US
```

Methods

Public methods:

- [PhoneNumberProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_es_MX](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
z <- PhoneNumberProvider_en_US$new()
z$render()
```

PhoneNumberProvider_es_ES

PhoneNumberProvider for Spain

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_es_ES](#)

Methods

Public methods:

- [PhoneNumberProvider_es_ES\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_es_ES$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other es: [CompanyProvider_es_MX](#), [PersonProvider_es_ES](#), [PersonProvider_es_MX](#), [PhoneNumberProvider_es_PE](#), [spanish-language](#)

Other ES: [PersonProvider_es_ES](#)

Examples

```
z <- PhoneNumberProvider_es_ES$new()
z$render()
```

 PhoneNumberProvider_es_MX

PhoneNumberProvider for Mexico

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
 -> `PhoneNumberProvider_es_MX`

Methods

Public methods:

- `PhoneNumberProvider_es_MX$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_es_MX$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other MX: [CompanyProvider_es_MX](#), [PersonProvider_es_MX](#)

Examples

```
z <- PhoneNumberProvider_es_MX$new()
z$render()
```

PhoneNumberProvider_es_PE

PhoneNumberProvider for Peru

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_es_PE](#)

Methods

Public methods:

- [PhoneNumberProvider_es_PE\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PhoneNumberProvider_es_PE\\$clone\(deep = FALSE\)](#)

Arguments:

deep Whether to make a deep clone.

See Also

Other es: [CompanyProvider_es_MX](#), [PersonProvider_es_ES](#), [PersonProvider_es_MX](#), [PhoneNumberProvider_es_ES](#), [spanish-language](#)

Examples

```
z <- PhoneNumberProvider_es_PE$new()
z$render()
```

PhoneNumberProvider_fa_IR

PhoneNumberProvider for Iran

Description

methods for generating phone numbers

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider`
`-> PhoneNumberProvider_fa_IR`

Methods

Public methods:

- `PhoneNumberProvider_fa_IR$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_fa_IR$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other fa: `CompanyProvider_fa_IR`, `InternetProvider_fa_IR`, `JobProvider_fa_IR`, `PersonProvider_fa_IR`, `farsi-language`

Other IR: `CompanyProvider_fa_IR`, `InternetProvider_fa_IR`, `JobProvider_fa_IR`, `PersonProvider_fa_IR`

Examples

```
z <- PhoneNumberProvider_fa_IR$new()
z$render()
```

PhoneNumberProvider_fi_FI

PhoneNumberProvider for Finland

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_fi_FI](#)

Methods

Public methods:

- [PhoneNumberProvider_fi_FI\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PhoneNumberProvider_fi_FI\\$clone\(deep = FALSE\)](#)

Arguments:

[deep](#) Whether to make a deep clone.

See Also

Other fi: [JobProvider_fi_FI](#), [PersonProvider_fi_FI](#)

Other FI: [JobProvider_fi_FI](#), [PersonProvider_fi_FI](#)

Examples

```
z <- PhoneNumberProvider_fi_FI$new()
z$render()
```

PhoneNumberProvider_fr_CH

PhoneNumberProvider for Switzerland

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_fr_CH](#)

Methods

Public methods:

- [PhoneNumberProvider_fr_CH\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_fr_CH$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_FR](#), [french-language](#)

Other CH: [JobProvider_fr_CH](#), [PersonProvider_fr_CH](#)

Examples

```
z <- PhoneNumberProvider_fr_CH$new()
z$render()
```

PhoneNumberProvider_fr_FR

PhoneNumberProvider for France

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_fr_FR](#)

Methods

Public methods:

- [PhoneNumberProvider_fr_FR\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_fr_FR$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other fr: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_CH](#), [JobProvider_fr_FR](#), [PersonProvider_fr_CH](#), [PersonProvider_fr_FR](#), [PhoneNumberProvider_fr_CH](#), [french-language](#)

Other FR: [CompanyProvider_fr_FR](#), [InternetProvider_fr_FR](#), [JobProvider_fr_FR](#), [PersonProvider_fr_FR](#)

Examples

```
z <- PhoneNumberProvider_fr_FR$new()
z$render()
```

PhoneNumberProvider_he_IL

PhoneNumberProvider for Israel

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_he_IL](#)

Methods

Public methods:

- [PhoneNumberProvider_he_IL\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_he_IL$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other he: [LoremProvider_he_IL](#), [hebrew-language](#)

Other IL: [LoremProvider_he_IL](#)

Examples

```
z <- PhoneNumberProvider_he_IL$new()
z$render()
```

PhoneNumberProvider_hi_IN

PhoneNumberProvider for India

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_hi_IN](#)

Methods

Public methods:

- [PhoneNumberProvider_hi_IN\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PhoneNumberProvider_hi_IN\\$clone\(deep = FALSE\)](#)

Arguments:

deep Whether to make a deep clone.

See Also

Other hi: [hindi-language](#)

Examples

```
z <- PhoneNumberProvider_hi_IN$new()
z$render()
```

PhoneNumberProvider_hr_HR

PhoneNumberProvider for Croatia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_hr_HR](#)

Methods

Public methods:

- [PhoneNumberProvider_hr_HR\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_hr_HR$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other hr: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#), [croatian-language](#)

Other HR: [CompanyProvider_hr_HR](#), [InternetProvider_hr_HR](#), [JobProvider_hr_HR](#), [PersonProvider_hr_HR](#)

Examples

```
z <- PhoneNumberProvider_en_GB$new()  
z$render()
```

PhoneNumberProvider_hu_HU

PhoneNumberProvider for Hungary

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
-> `PhoneNumberProvider_hu_HU`

Methods

Public methods:

- `PhoneNumberProvider_hu_HU$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_hu_HU$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other hu: [hungarian-language](#)

Examples

```
z <- PhoneNumberProvider_hu_HU$new()
z$render()
```

PhoneNumberProvider_id_ID

PhoneNumberProvider for Indonesia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
-> `PhoneNumberProvider_id_ID`

Methods

Public methods:

- `PhoneNumberProvider_id_ID$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_id_ID$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other id: [indonesian-language](#)

Examples

```
z <- PhoneNumberProvider_id_ID$new()
z$render()
```

PhoneNumberProvider_it_IT

PhoneNumberProvider for Italy

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_it_IT](#)

Methods

Public methods:

- [PhoneNumberProvider_it_IT\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_it_IT$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other it: [CompanyProvider_it_IT](#), [PersonProvider_it_IT](#), [italian-language](#)

Other IT: [CompanyProvider_it_IT](#), [PersonProvider_it_IT](#)

Examples

```
z <- PhoneNumberProvider_it_IT$new()  
z$render()
```

PhoneNumberProvider_ja_JP

PhoneNumberProvider for Japan

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_ja_JP](#)

Methods

Public methods:

- [PhoneNumberProvider_ja_JP\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PhoneNumberProvider_ja_JP\\$clone\(deep = FALSE\)](#)

Arguments:

[deep](#) Whether to make a deep clone.

See Also

Other ja: [LoremProvider_ja_JP](#), [PersonProvider_ja_JP](#), [japanese-language](#)

Other JP: [LoremProvider_ja_JP](#), [PersonProvider_ja_JP](#)

Examples

```
z <- PhoneNumberProvider_en_GB$new()
z$render()
```

PhoneNumberProvider_ko_KR

PhoneNumberProvider for Korean Republic

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_ko_KR](#)

Methods

Public methods:

- [PhoneNumberProvider_ko_KR\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_ko_KR$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other ko: [PersonProvider_ko_KR](#), [korean-language](#)

Other KR: [PersonProvider_ko_KR](#)

Examples

```
z <- PhoneNumberProvider_ko_KR$new()  
z$render()
```

PhoneNumberProvider_lt_LT

PhoneNumberProvider for Lithuania

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_lt_LT](#)

Methods

Public methods:

- [PhoneNumberProvider_lt_LT\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_lt_LT$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other lt: [PersonProvider_lt_LT](#), [lithuanian-language](#)

Other LT: [PersonProvider_lt_LT](#)

Examples

```
z <- PhoneNumberProvider_lt_LT$new()  
z$render()
```

PhoneNumberProvider_lv_LV

PhoneNumberProvider for Latvia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_lv_LV](#)

Methods

Public methods:

- [PhoneNumberProvider_lv_LV\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_lv_LV$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other lv: [PersonProvider_lv_LV](#), [latvian-language](#)

Other LV: [PersonProvider_lv_LV](#)

Examples

```
z <- PhoneNumberProvider_lv_LV$new()
z$render()
```

PhoneNumberProvider_ne_NP

PhoneNumberProvider for Nepal

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_ne_NP](#)

Methods

Public methods:

- [PhoneNumberProvider_ne_NP\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_ne_NP$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other ne: [PersonProvider_ne_NP](#)

Other NP: [PersonProvider_ne_NP](#)

Examples

```
z <- PhoneNumberProvider_ne_NP$new()  
z$render()
```

PhoneNumberProvider_nl_BE

PhoneNumberProvider for Belgium

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_nl_BE](#)

Methods

Public methods:

- [PhoneNumberProvider_nl_BE\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_nl_BE$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other nl: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_NL](#), [SSNProvider_nl_NL](#), [dutch-language](#)

Examples

```
z <- PhoneNumberProvider_nl_BE$new()  
z$render()
```

PhoneNumberProvider_nl_NL

PhoneNumberProvider for the Netherlands

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `charlatan::PhoneNumberProvider`
-> `PhoneNumberProvider_nl_NL`

Methods

Public methods:

- `PhoneNumberProvider_nl_NL$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_nl_NL$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other nl: `AddressProvider_nl_NL`, `ElementProvider_nl_NL`, `JobProvider_nl_NL`, `PersonProvider_nl_NL`, `PhoneNumberProvider_nl_BE`, `SSNProvider_nl_NL`, `dutch-language`

Other NL: `AddressProvider_nl_NL`, `ElementProvider_nl_NL`, `JobProvider_nl_NL`, `PersonProvider_nl_NL`, `SSNProvider_nl_NL`

Examples

```
z <- PhoneNumberProvider_nl_NL$new()
z$render()
```

PhoneNumberProvider_nn_NO

PhoneNumberProvider for Norway

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_nn_NO](#)

Methods

Public methods:

- [PhoneNumberProvider_nn_NO\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_nn_NO$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other NO: [PersonProvider_no_NO](#), [PhoneNumberProvider_no_NO](#)

Examples

```
z <- PhoneNumberProvider_nn_NO$new()
z$render()
```

PhoneNumberProvider_no_NO

PhoneNumberProvider for Norway

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_nn_NO](#)

Methods

Public methods:

- [PhoneNumberProvider_no_NO\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[PhoneNumberProvider_no_NO\\$clone\(deep = FALSE\)](#)

Arguments:

`deep` Whether to make a deep clone.

See Also

Other no: [PersonProvider_no_NO](#), [norwegian-language](#)

Other NO: [PersonProvider_no_NO](#), [PhoneNumberProvider_nn_NO](#)

Examples

```
z <- PhoneNumberProvider_no_NO$new()
z$render()
```

PhoneNumberProvider_pl_PL

PhoneNumberProvider for Poland

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_pl_PL](#)

Methods

Public methods:

- [PhoneNumberProvider_pl_PL\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_pl_PL$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other pl: [JobProvider_pl_PL](#), [PersonProvider_pl_PL](#), [polish-language](#)

Other PL: [JobProvider_pl_PL](#), [PersonProvider_pl_PL](#)

Examples

```
z <- PhoneNumberProvider_pl_PL$new()
z$render()
```

PhoneNumberProvider_pt_BR

PhoneNumberProvider for Brazil

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_pt_BR](#)

Methods

Public methods:

- [PhoneNumberProvider_pt_BR\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_pt_BR$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other pt: [PhoneNumberProvider_pt_PT](#), [portuguese-language](#)

Examples

```
z <- PhoneNumberProvider_pt_BR$new()  
z$render()
```

PhoneNumberProvider_pt_PT

PhoneNumberProvider for Portugal

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
 -> [PhoneNumberProvider_pt_PT](#)

Methods

Public methods:

- [PhoneNumberProvider_pt_PT\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_pt_PT$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other pt: [PhoneNumberProvider_pt_BR](#), [portuguese-language](#)

Examples

```
z <- PhoneNumberProvider_pt_PT$new()
z$render()
```

PhoneNumberProvider_ru_RU

PhoneNumberProvider for Russia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_ru_RU](#)

Methods

Public methods:

- [PhoneNumberProvider_ru_RU\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_ru_RU$clone(deep = FALSE)
```

Arguments:

deep Whether to make a deep clone.

See Also

Other ru: [JobProvider_ru_RU](#), [LoremProvider_ru_RU](#), [russian-language](#)

Other RU: [JobProvider_ru_RU](#), [LoremProvider_ru_RU](#)

Examples

```
z <- PhoneNumberProvider_ru_RU$new()
z$render()
```

PhoneNumberProvider_sk_SK

PhoneNumberProvider for Slovakia

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

`charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider`
`-> PhoneNumberProvider_sk_SK`

Methods

Public methods:

- `PhoneNumberProvider_sk_SK$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`PhoneNumberProvider_sk_SK$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

Examples

```
z <- PhoneNumberProvider_sk_SK$new()
z$render()
```

PhoneNumberProvider_sv_SE

PhoneNumberProvider for Sweden

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider  
-> PhoneNumberProvider_sv_SE
```

Methods**Public methods:**

- `PhoneNumberProvider_sv_SE$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_sv_SE$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other sv: [swedish-language](#)

Examples

```
z <- PhoneNumberProvider_sv_SE$new()  
z$render()
```

PhoneNumberProvider_th_TH

PhoneNumberProvider for Thailand

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider  
-> PhoneNumberProvider_th_TH
```

Methods

Public methods:

- [PhoneNumberProvider_th_TH\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_th_TH$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other th: [thai-language](#)

Examples

```
z <- PhoneNumberProvider_th_TH$new()  
z$render()
```

PhoneNumberProvider_tr_TR

PhoneNumberProvider for Turkey

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider  
-> PhoneNumberProvider_tr_TR
```

Methods

Public methods:

- [PhoneNumberProvider_tr_TR\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_tr_TR$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other tr: [turkish-language](#)

Examples

```
z <- PhoneNumberProvider_tr_TR$new()
z$render()
```

PhoneNumberProvider_uk_UA

PhoneNumberProvider for Ukraine

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::PhoneNumberProvider
-> PhoneNumberProvider_uk_UA
```

Methods**Public methods:**

- [PhoneNumberProvider_uk_UA\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_uk_UA$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other uk: [ColorProvider_uk_UA](#), [JobProvider_uk_UA](#), [ukrainian-language](#)

Other UA: [ColorProvider_uk_UA](#), [JobProvider_uk_UA](#)

Examples

```
z <- PhoneNumberProvider_uk_UA$new()
z$render()
```

PhoneNumberProvider_zh_TW

PhoneNumberProvider for Taiwan

Description

methods for generating phone numbers

Value

A PhoneNumberProvider object that can create phonenumbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::PhoneNumberProvider](#)
-> [PhoneNumberProvider_zh_TW](#)

Methods

Public methods:

- [PhoneNumberProvider_zh_TW\\$clone\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

```
PhoneNumberProvider_zh_TW$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other zh: [JobProvider_zh_TW](#), [LoremProvider_zh_CN](#), [LoremProvider_zh_TW](#), [chinese-language](#)

Other TW: [JobProvider_zh_TW](#), [LoremProvider_zh_TW](#)

Examples

```
z <- PhoneNumberProvider_zh_TW$new()  
z$render()
```

polish-language	<i>Polish Language</i>
-----------------	------------------------

Description

Providers with the Polish locale (pl).

See Also

Other pl: [JobProvider_pl_PL](#), [PersonProvider_pl_PL](#), [PhoneNumberProvider_pl_PL](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

portuguese-language	<i>Portuguese Language</i>
---------------------	----------------------------

Description

Providers with the Portuguese locale (pt).

See Also

Other pt: [PhoneNumberProvider_pt_BR](#), [PhoneNumberProvider_pt_PT](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

russian-language	<i>Russian Language</i>
------------------	-------------------------

Description

Providers with the Russian locale (ru).

See Also

Other ru: [JobProvider_ru_RU](#), [LoremProvider_ru_RU](#), [PhoneNumberProvider_ru_RU](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

SequenceProvider	<i>SequenceProvider</i>
------------------	-------------------------

Description

genetic sequence generator

Super class

[charlatan::BareProvider](#) -> SequenceProvider

Methods

Public methods:

- [SequenceProvider\\$render\(\)](#)
- [SequenceProvider\\$clone\(\)](#)

Method [render\(\)](#): Make a sequence

Usage:

[SequenceProvider\\$render](#)(length = 30)

Arguments:

length (integer) length of sequence to create. default: 30

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[SequenceProvider\\$clone](#)(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

Examples

```

z <- SequenceProvider$new()
z$render()
z$render(10)
z$render(100)
# or even z$render(500)

```

spanish-language	<i>Spanish Language</i>
------------------	-------------------------

Description

Providers with the Spanish locale (es).

See Also

Other es: [CompanyProvider_es_MX](#), [PersonProvider_es_ES](#), [PersonProvider_es_MX](#), [PhoneNumberProvider_es_ES](#), [PhoneNumberProvider_es_PE](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

SSNProvider	<i>SSNProvider</i>
-------------	--------------------

Description

methods for generating social security numbers

Value

a SSNProvider object for generating social security numbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> SSNProvider

Methods**Public methods:**

- [SSNProvider\\$render\(\)](#)
- [SSNProvider\\$clone\(\)](#)

Method [render\(\)](#): Make a SSN

Usage:

[SSNProvider\\$render\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[SSNProvider\\$clone\(deep = FALSE\)](#)

Arguments:

[deep](#) Whether to make a deep clone.

SSNProvider_en_US

SSNProvider United States

Description

methods for generating social security numbers

Value

a SSNProvider object for generating social security numbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::SSNProvider](#) -> SSNProvider_en_US

Methods**Public methods:**

- [SSNProvider_en_US\\$render\(\)](#)
- [SSNProvider_en_US\\$clone\(\)](#)

Method [render\(\)](#): Make a SSN

Usage:

[SSNProvider_en_US\\$render\(\)](#)

Method [clone\(\)](#): The objects of this class are cloneable with this method.

Usage:

[SSNProvider_en_US\\$clone\(deep = FALSE\)](#)

Arguments:

[deep](#) Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [TaxonomyProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
z <- SSNProvider_en_US$new()
z$render()
```

SSNProvider_nl_NL	<i>SSNProvider the Netherlands</i>
-------------------	------------------------------------

Description

methods for generating social security numbers

Value

a SSNProvider object for generating social security numbers.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::SSNProvider](#) -> SSNProvider_nl_NL

Methods

Public methods:

- [SSNProvider_nl_NL\\$render\(\)](#)
- [SSNProvider_nl_NL\\$clone\(\)](#)

Method `render()`: Make a SSN Dutch SSN (BSN) is 9 digits that follow a certain proof (elf-proof).

Usage:

```
SSNProvider_nl_NL$render()
```

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
SSNProvider_nl_NL$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other nl: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_BE](#), [PhoneNumberProvider_nl_NL](#), [dutch-language](#)

Other NL: [AddressProvider_nl_NL](#), [ElementProvider_nl_NL](#), [JobProvider_nl_NL](#), [PersonProvider_nl_NL](#), [PhoneNumberProvider_nl_NL](#)

Examples

```
z <- SSNProvider_nl_NL$new()
z$render()
```

subclass	<i>Create Localized Provider</i>
----------	----------------------------------

Description

Create Localized Provider

Usage

```
subclass(provider, locale = NULL)
```

Arguments

- provider The name of the provider you want to create
- locale Locale to use

Value

Localized provider

Examples

```
x <- subclass("AddressProvider")
```

swedish-language	<i>Swedish Language</i>
------------------	-------------------------

Description

Providers with the Swedish locale (sv).

See Also

Other sv: [PhoneNumberProvider_sv_SE](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [thai-language](#), [turkish-language](#), [ukrainian-language](#)

taxonomy	<i>Create fake taxonomic names</i>
----------	------------------------------------

Description

Create fake taxonomic names

Usage

```
ch_taxonomic_genus(n = 1, locale = "en_US")

ch_taxonomic_epithet(n = 1, locale = "en_US")

ch_taxonomic_species(n = 1, locale = "en_US")
```

Arguments

n	(integer) number of things to get, any non-negative integer
locale	Locale for provider

Names

Names were taken from Theplantlist. 500 genera names and 500 epithets were chosen at random from the set of 10,000 names in the dataset in the taxize package. Theplantlist is, as it says on the tin, composed of plant names - so these fake names are derived from plant names if that matters to you. These may generate names that match those of real taxa, but may not as well.

Taxonomic authority

Randomly, the taxonomic authority is in parentheses - which represents that the given authority was not the original authority.

See Also

[TaxonomyProvider](#)

Examples

```
ch_taxonomic_genus()
ch_taxonomic_genus(10)
# or even ch_taxonomic_genus(500)

ch_taxonomic_epithet()
ch_taxonomic_epithet(10)
# or even ch_taxonomic_epithet(500)

ch_taxonomic_species()
ch_taxonomic_species(10)
# or even ch_taxonomic_species(500)
```

TaxonomyProvider

TaxonomyProvider

Description

Taxonomy provider for Generating Taxonomic names.

Names

Names were taken from Theplantlist. 500 genera names and 500 epithets were chosen at random from the set of 10,000 names in the dataset in the `taxize` package. Theplantlist is, as it says on the tin, composed of plant names - so these fake names are derived from plant names if that matters to you. These may generate names that match those of real taxa, but may not as well.

Taxonomic authority

Randomly, the taxonomic authority is in parentheses - which represents that the given authority was not the original authority.

Super classes

`charlatan::BareProvider` -> `charlatan::BaseProvider` -> `TaxonomyProvider`

Methods

Public methods:

- [TaxonomyProvider\\$genus\(\)](#)
- [TaxonomyProvider\\$epithet\(\)](#)
- [TaxonomyProvider\\$species\(\)](#)
- [TaxonomyProvider\\$new\(\)](#)
- [TaxonomyProvider\\$clone\(\)](#)

Method `genus()`: Get a genus name

Usage:

`TaxonomyProvider$genus()`

Method `epithet()`: Get an epithet name

Usage:

`TaxonomyProvider$epithet()`

Method `species()`: Get a binomial name (genus + epithet)

Usage:

`TaxonomyProvider$species(authority = FALSE, date = FALSE)`

Arguments:

`authority` Include authority. default: FALSE

`date` Include authority date. If `authority = FALSE`, this is ignored. default: FALSE

Method `new()`: Initialize new Taxonomy Provider.

Usage:

`TaxonomyProvider$new()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

`TaxonomyProvider$clone(deep = FALSE)`

Arguments:

`deep` Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [UserAgentProvider](#)

TaxonomyProvider_en_US

TaxonomyProvider en_US

Description

Taxonomy provider for Generating Taxonomic names.

Names

Names were taken from Theplantlist. 500 genera names and 500 epithets were chosen at random from the set of 10,000 names in the dataset in the taxize package. Theplantlist is, as it says on the tin, composed of plant names - so these fake names are derived from plant names if that matters to you. These may generate names that match those of real taxa, but may not as well.

Taxonomic authority

Randomly, the taxonomic authority is in parentheses - which represents that the given authority was not the original authority.

Super classes

```
charlatan::BareProvider -> charlatan::BaseProvider -> charlatan::TaxonomyProvider
-> TaxonomyProvider_en_US
```

Methods

Public methods:

- `TaxonomyProvider_en_US$clone()`

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
TaxonomyProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [UserAgentProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [UserAgentProvider_en_US](#)

Examples

```
(z <- TaxonomyProvider_en_US$new())
z$genus()
z$epithet()
z$species()
z$species(authority = TRUE)
## FIXME - datetimetypeprovider slow - may be related to unix time problem
# z$species(authority = TRUE, date = TRUE)
```

thai-language	<i>Thai Language</i>
---------------	----------------------

Description

Providers with the Thai locale (th).

See Also

Other th: [PhoneNumberProvider_th_TH](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [turkish-language](#), [ukrainian-language](#)

turkish-language	<i>Turkish Language</i>
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Description

Providers with the Turkish locale (tr).

See Also

Other tr: [PhoneNumberProvider_tr_TR](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [ukrainian-language](#)

ukrainian-language	<i>Ukrainian Language</i>
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Description

Providers with the Ukrainian locale (uk).

See Also

Other uk: [ColorProvider_uk_UA](#), [JobProvider_uk_UA](#), [PhoneNumberProvider_uk_UA](#)

Other languages: [arabic-language](#), [bosnian-language](#), [bulgarian-language](#), [chinese-language](#), [croatian-language](#), [czech-language](#), [danish-language](#), [dutch-language](#), [english-language](#), [farsi-language](#), [finnish-language](#), [french-language](#), [german-language](#), [greek-language](#), [hebrew-language](#), [hindi-language](#), [hungarian-language](#), [indonesian-language](#), [italian-language](#), [japanese-language](#), [korean-language](#), [latin-language](#), [latvian-language](#), [lithuanian-language](#), [norwegian-language](#), [polish-language](#), [portuguese-language](#), [russian-language](#), [spanish-language](#), [swedish-language](#), [thai-language](#), [turkish-language](#)

UserAgentProvider	<i>UserAgentProvider</i>
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Description

user agent methods For instance mac_processor, user_agents, chrome and firefox user agents.

Value

UserAgentProvider object.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [UserAgentProvider](#)

Methods**Public methods:**

- [UserAgentProvider\\$mac_processor\(\)](#)
- [UserAgentProvider\\$linux_processor\(\)](#)
- [UserAgentProvider\\$user_agent\(\)](#)
- [UserAgentProvider\\$chrome\(\)](#)
- [UserAgentProvider\\$firefox\(\)](#)
- [UserAgentProvider\\$safari\(\)](#)
- [UserAgentProvider\\$opera\(\)](#)
- [UserAgentProvider\\$internet_explorer\(\)](#)

- `UserAgentProvider$windows_platform_token()`
- `UserAgentProvider$linux_platform_token()`
- `UserAgentProvider$mac_platform_token()`
- `UserAgentProvider$clone()`

Method `mac_processor()`: a mac processor

Usage:

`UserAgentProvider$mac_processor()`

Method `linux_processor()`: a linux processor

Usage:

`UserAgentProvider$linux_processor()`

Method `user_agent()`: a random user agent string

Usage:

`UserAgentProvider$user_agent()`

Method `chrome()`: a chrome user agent string

Usage:

```
UserAgentProvider$chrome(  
  version_from = 13,  
  version_to = 63,  
  build_from = 800,  
  build_to = 899  
)
```

Arguments:

`version_from` (integer) minimum version

`version_to` (integer) maximum version

`build_from` (integer) minimum build

`build_to` (integer) maximum build

Method `firefox()`: a firefox user agent string

Usage:

`UserAgentProvider$firefox()`

Method `safari()`: a safari user agent string

Usage:

`UserAgentProvider$safari()`

Method `opera()`: an opera user agent string

Usage:

`UserAgentProvider$opera()`

Method `internet_explorer()`: an internet explorer user agent string

Usage:

UserAgentProvider\$internet_explorer()

Method windows_platform_token(): a windows platform token

Usage:

UserAgentProvider\$windows_platform_token()

Method linux_platform_token(): a linux platform token

Usage:

UserAgentProvider\$linux_platform_token()

Method mac_platform_token(): a mac platform token

Usage:

UserAgentProvider\$mac_platform_token()

Method clone(): The objects of this class are cloneable with this method.

Usage:

UserAgentProvider\$clone(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

See Also

Other ParentProviders: [AddressProvider](#), [ColorProvider](#), [CompanyProvider](#), [InternetProvider](#), [JobProvider](#), [LoremProvider](#), [PersonProvider](#), [PhoneNumberProvider](#), [TaxonomyProvider](#)

UserAgentProvider_en_US

UserAgentProvider for United States of America

Description

user agent methods For instance mac_processor, user_agents, chrome and firefox user agents.

Value

UserAgentProvider object.

Super classes

[charlatan::BareProvider](#) -> [charlatan::BaseProvider](#) -> [charlatan::UserAgentProvider](#)
-> UserAgentProvider_en_US

Methods

Public methods:

- [UserAgentProvider_en_US\\$clone\(\)](#)

Method `clone()`: The objects of this class are cloneable with this method.

Usage:

```
UserAgentProvider_en_US$clone(deep = FALSE)
```

Arguments:

`deep` Whether to make a deep clone.

See Also

Other en: [AddressProvider_en_GB](#), [AddressProvider_en_NZ](#), [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_AU](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_GB](#), [PersonProvider_en_NZ](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_AU](#), [PhoneNumberProvider_en_CA](#), [PhoneNumberProvider_en_GB](#), [PhoneNumberProvider_en_NZ](#), [PhoneNumberProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#), [english-language](#)

Other US: [AddressProvider_en_US](#), [ColorProvider_en_US](#), [CompanyProvider_en_US](#), [ElementProvider_en_US](#), [FileProvider_en_US](#), [InternetProvider_en_US](#), [JobProvider_en_US](#), [LoremProvider_en_US](#), [PersonProvider_en_US](#), [PhoneNumberProvider_en_US](#), [SSNProvider_en_US](#), [TaxonomyProvider_en_US](#)

Examples

```
(x <- UserAgentProvider_en_US$new())
x$locale
x$mac_processor()
x$linux_processor()
x$user_agent()
x$chrome()
x$firefox()
x$internet_explorer()
x$opera()
x$safari()
```

Index

- * **AA**
 - LoremProvider_ar_AA, [96](#)
- * **AT**
 - PersonProvider_de_AT, [113](#)
- * **AU**
 - InternetProvider_en_AU, [71](#)
 - PhoneNumberProvider_en_AU, [144](#)
- * **BA**
 - PhoneNumberProvider_bs_BA, [138](#)
- * **BE**
 - PhoneNumberProvider_nl_BE, [167](#)
- * **BG**
 - CompanyProvider_bg_BG, [40](#)
 - InternetProvider_bg_BG, [68](#)
 - InternetProvider_en_NZ, [72](#)
 - PersonProvider_bg_BG, [110](#)
 - PhoneNumberProvider_bg_BG, [137](#)
- * **BR**
 - PhoneNumberProvider_pt_BR, [172](#)
- * **CA**
 - PhoneNumberProvider_en_CA, [145](#)
- * **CH**
 - JobProvider_fr_CH, [84](#)
 - PersonProvider_fr_CH, [123](#)
 - PhoneNumberProvider_fr_CH, [154](#)
- * **CN**
 - LoremProvider_zh_CN, [103](#)
- * **CZ**
 - CompanyProvider_cs_CZ, [41](#)
 - InternetProvider_cs_CZ, [69](#)
 - PersonProvider_cs_CZ, [111](#)
 - PhoneNumberProvider_cs_CZ, [139](#)
- * **DE**
 - CompanyProvider_de_DE, [42](#)
 - InternetProvider_de_DE, [70](#)
 - PersonProvider_de_DE, [114](#)
 - PhoneNumberProvider_de_DE, [141](#)
- * **DK**
 - JobProvider_da_DK, [80](#)
 - PersonProvider_da_DK, [112](#)
 - PhoneNumberProvider_da_DK, [140](#)
 - PhoneNumberProvider_dk_DK, [142](#)
- * **ES**
 - PersonProvider_es_ES, [119](#)
 - PhoneNumberProvider_es_ES, [149](#)
- * **FI**
 - JobProvider_fi_FI, [83](#)
 - PersonProvider_fi_FI, [122](#)
 - PhoneNumberProvider_fi_FI, [153](#)
- * **FR**
 - CompanyProvider_fr_FR, [46](#)
 - InternetProvider_fr_FR, [75](#)
 - JobProvider_fr_FR, [85](#)
 - PersonProvider_fr_FR, [124](#)
 - PhoneNumberProvider_fr_FR, [155](#)
- * **GB**
 - AddressProvider_en_GB, [10](#)
 - PersonProvider_en_GB, [115](#)
 - PhoneNumberProvider_en_GB, [146](#)
- * **GR**
 - LoremProvider_el_GR, [97](#)
 - PhoneNumberProvider_el_GR, [143](#)
- * **HR**
 - CompanyProvider_hr_HR, [47](#)
 - InternetProvider_hr_HR, [76](#)
 - JobProvider_hr_HR, [86](#)
 - PersonProvider_hr_HR, [125](#)
 - PhoneNumberProvider_hr_HR, [158](#)
- * **HU**
 - PhoneNumberProvider_hu_HU, [159](#)
- * **ID**
 - PhoneNumberProvider_id_ID, [160](#)
- * **IL**
 - LoremProvider_he_IL, [99](#)
 - PhoneNumberProvider_he_IL, [156](#)
- * **IN**
 - PhoneNumberProvider_hi_IN, [157](#)
- * **IR**

- CompanyProvider_fa_IR, [45](#)
- InternetProvider_fa_IR, [74](#)
- JobProvider_fa_IR, [82](#)
- PersonProvider_fa_IR, [121](#)
- PhoneNumberProvider_fa_IR, [152](#)
- * **IT**
 - CompanyProvider_it_IT, [48](#)
 - PersonProvider_it_IT, [126](#)
 - PhoneNumberProvider_it_IT, [161](#)
- * **JP**
 - LoremProvider_ja_JP, [100](#)
 - PersonProvider_ja_JP, [127](#)
 - PhoneNumberProvider_ja_JP, [162](#)
- * **KR**
 - PersonProvider_ko_KR, [129](#)
 - PhoneNumberProvider_ko_KR, [163](#)
- * **LT**
 - PersonProvider_lt_LT, [130](#)
 - PhoneNumberProvider_lt_LT, [164](#)
- * **LV**
 - PersonProvider_lv_LV, [131](#)
 - PhoneNumberProvider_lv_LV, [165](#)
- * **MX**
 - CompanyProvider_es_MX, [44](#)
 - PersonProvider_es_MX, [120](#)
 - PhoneNumberProvider_es_MX, [150](#)
- * **NL**
 - AddressProvider_nl_NL, [16](#)
 - ElementProvider_nl_NL, [55](#)
 - JobProvider_nl_NL, [87](#)
 - PersonProvider_nl_NL, [133](#)
 - PhoneNumberProvider_nl_NL, [168](#)
 - SSNProvider_nl_NL, [184](#)
- * **NO**
 - PersonProvider_no_NO, [134](#)
 - PhoneNumberProvider_nn_NO, [169](#)
 - PhoneNumberProvider_no_NO, [170](#)
- * **NP**
 - PersonProvider_ne_NP, [132](#)
 - PhoneNumberProvider_ne_NP, [166](#)
- * **NZ**
 - AddressProvider_en_NZ, [12](#)
 - PersonProvider_en_NZ, [116](#)
 - PhoneNumberProvider_en_NZ, [147](#)
- * **PE**
 - PhoneNumberProvider_es_PE, [151](#)
- * **PL**
 - JobProvider_pl_PL, [88](#)
 - PersonProvider_pl_PL, [135](#)
 - PhoneNumberProvider_pl_PL, [171](#)
- * **PT**
 - PhoneNumberProvider_pt_PT, [173](#)
- * **ParentProviders**
 - AddressProvider, [8](#)
 - ColorProvider, [35](#)
 - CompanyProvider, [38](#)
 - InternetProvider, [64](#)
 - JobProvider, [79](#)
 - LoremProvider, [94](#)
 - PersonProvider, [107](#)
 - PhoneNumberProvider, [136](#)
 - TaxonomyProvider, [187](#)
 - UserAgentProvider, [191](#)
- * **RU**
 - JobProvider_ru_RU, [89](#)
 - LoremProvider_ru_RU, [102](#)
 - PhoneNumberProvider_ru_RU, [174](#)
- * **SE**
 - PhoneNumberProvider_sv_SE, [175](#)
- * **SK**
 - PhoneNumberProvider_sk_SK, [175](#)
- * **TH**
 - PhoneNumberProvider_th_TH, [176](#)
- * **TR**
 - PhoneNumberProvider_tr_TR, [177](#)
- * **TW**
 - JobProvider_zh_TW, [91](#)
 - LoremProvider_zh_TW, [104](#)
 - PhoneNumberProvider_zh_TW, [179](#)
- * **UA**
 - ColorProvider_uk_UA, [37](#)
 - JobProvider_uk_UA, [90](#)
 - PhoneNumberProvider_uk_UA, [178](#)
- * **US**
 - AddressProvider_en_US, [13](#)
 - ColorProvider_en_US, [36](#)
 - CompanyProvider_en_US, [43](#)
 - ElementProvider_en_US, [54](#)
 - FileProvider_en_US, [58](#)
 - InternetProvider_en_US, [73](#)
 - JobProvider_en_US, [81](#)
 - LoremProvider_en_US, [98](#)
 - PersonProvider_en_US, [117](#)
 - PhoneNumberProvider_en_US, [148](#)
 - SSNProvider_en_US, [183](#)
 - TaxonomyProvider_en_US, [189](#)

- UserAgentProvider_en_US, 193
- * **ar**
 - arabic-language, 18
 - LoremProvider_ar_AA, 96
- * **bg**
 - bulgarian-language, 24
 - CompanyProvider_bg_BG, 40
 - InternetProvider_bg_BG, 68
 - InternetProvider_en_NZ, 72
 - PersonProvider_bg_BG, 110
 - PhoneNumberProvider_bg_BG, 137
- * **bs**
 - bosnian-language, 23
 - PhoneNumberProvider_bs_BA, 138
- * **cs**
 - CompanyProvider_cs_CZ, 41
 - czech-language, 50
 - InternetProvider_cs_CZ, 69
 - PersonProvider_cs_CZ, 111
 - PhoneNumberProvider_cs_CZ, 139
- * **data**
 - available_locales_df, 18
 - available_providers, 19
- * **da**
 - danish-language, 50
 - JobProvider_da_DK, 80
 - PersonProvider_da_DK, 112
 - PhoneNumberProvider_da_DK, 140
- * **de**
 - CompanyProvider_de_DE, 42
 - german-language, 61
 - InternetProvider_de_DE, 70
 - PersonProvider_de_AT, 113
 - PersonProvider_de_DE, 114
 - PhoneNumberProvider_de_DE, 141
- * **dk**
 - PhoneNumberProvider_dk_DK, 142
- * **el**
 - greek-language, 61
 - LoremProvider_el_GR, 97
 - PhoneNumberProvider_el_GR, 143
- * **en**
 - AddressProvider_en_GB, 10
 - AddressProvider_en_NZ, 12
 - AddressProvider_en_US, 13
 - ColorProvider_en_US, 36
 - CompanyProvider_en_US, 43
 - ElementProvider_en_US, 54
 - english-language, 57
 - FileProvider_en_US, 58
 - InternetProvider_en_AU, 71
 - InternetProvider_en_US, 73
 - JobProvider_en_US, 81
 - LoremProvider_en_US, 98
 - PersonProvider_en_GB, 115
 - PersonProvider_en_NZ, 116
 - PersonProvider_en_US, 117
 - PhoneNumberProvider_en_AU, 144
 - PhoneNumberProvider_en_CA, 145
 - PhoneNumberProvider_en_GB, 146
 - PhoneNumberProvider_en_NZ, 147
 - PhoneNumberProvider_en_US, 148
 - PhoneNumberProvider_es_MX, 150
 - SSNProvider_en_US, 183
 - TaxonomyProvider_en_US, 189
 - UserAgentProvider_en_US, 193
- * **es**
 - CompanyProvider_es_MX, 44
 - PersonProvider_es_ES, 119
 - PersonProvider_es_MX, 120
 - PhoneNumberProvider_es_ES, 149
 - PhoneNumberProvider_es_PE, 151
 - spanish-language, 182
- * **fa**
 - CompanyProvider_fa_IR, 45
 - farsi-language, 57
 - InternetProvider_fa_IR, 74
 - JobProvider_fa_IR, 82
 - PersonProvider_fa_IR, 121
 - PhoneNumberProvider_fa_IR, 152
- * **fi**
 - JobProvider_fi_FI, 83
 - PersonProvider_fi_FI, 122
 - PhoneNumberProvider_fi_FI, 153
- * **fl**
 - finnish-language, 59
- * **fr**
 - CompanyProvider_fr_FR, 46
 - french-language, 60
 - InternetProvider_fr_FR, 75
 - JobProvider_fr_CH, 84
 - JobProvider_fr_FR, 85
 - PersonProvider_fr_CH, 123
 - PersonProvider_fr_FR, 124
 - PhoneNumberProvider_fr_CH, 154
 - PhoneNumberProvider_fr_FR, 155

- * **he**
 - hebrew-language, [62](#)
 - LoremProvider_he_IL, [99](#)
 - PhoneNumberProvider_he_IL, [156](#)
- * **hi**
 - hindi-language, [62](#)
 - PhoneNumberProvider_hi_IN, [157](#)
- * **hr**
 - CompanyProvider_hr_HR, [47](#)
 - croatian-language, [49](#)
 - InternetProvider_hr_HR, [76](#)
 - JobProvider_hr_HR, [86](#)
 - PersonProvider_hr_HR, [125](#)
 - PhoneNumberProvider_hr_HR, [158](#)
- * **hu**
 - hungarian-language, [63](#)
 - PhoneNumberProvider_hu_HU, [159](#)
- * **id**
 - indonesian-language, [63](#)
 - PhoneNumberProvider_id_ID, [160](#)
- * **it**
 - CompanyProvider_it_IT, [48](#)
 - italian-language, [78](#)
 - PersonProvider_it_IT, [126](#)
 - PhoneNumberProvider_it_IT, [161](#)
- * **ja**
 - japanese-language, [78](#)
 - LoremProvider_ja_JP, [100](#)
 - PersonProvider_ja_JP, [127](#)
 - PhoneNumberProvider_ja_JP, [162](#)
- * **ko**
 - korean-language, [92](#)
 - PersonProvider_ko_KR, [129](#)
 - PhoneNumberProvider_ko_KR, [163](#)
- * **languages**
 - arabic-language, [18](#)
 - bosnian-language, [23](#)
 - bulgarian-language, [24](#)
 - chinese-language, [25](#)
 - croatian-language, [49](#)
 - czech-language, [50](#)
 - danish-language, [50](#)
 - dutch-language, [54](#)
 - english-language, [57](#)
 - farsi-language, [57](#)
 - finnish-language, [59](#)
 - french-language, [60](#)
 - german-language, [61](#)
 - greek-language, [61](#)
 - hebrew-language, [62](#)
 - hindi-language, [62](#)
 - hungarian-language, [63](#)
 - indonesian-language, [63](#)
 - italian-language, [78](#)
 - japanese-language, [78](#)
 - korean-language, [92](#)
 - latin-language, [92](#)
 - latvian-language, [93](#)
 - lithuanian-language, [93](#)
 - norwegian-language, [105](#)
 - polish-language, [180](#)
 - portuguese-language, [180](#)
 - russian-language, [181](#)
 - spanish-language, [182](#)
 - swedish-language, [186](#)
 - thai-language, [190](#)
 - turkish-language, [190](#)
 - ukrainian-language, [191](#)
- * **la**
 - latin-language, [92](#)
 - LoremProvider_la, [101](#)
- * **lt**
 - lithuanian-language, [93](#)
 - PersonProvider_lt_LT, [130](#)
 - PhoneNumberProvider_lt_LT, [164](#)
- * **lv**
 - latvian-language, [93](#)
 - PersonProvider_lv_LV, [131](#)
 - PhoneNumberProvider_lv_LV, [165](#)
- * **ne**
 - PersonProvider_ne_NP, [132](#)
 - PhoneNumberProvider_ne_NP, [166](#)
- * **nl**
 - AddressProvider_nl_NL, [16](#)
 - dutch-language, [54](#)
 - ElementProvider_nl_NL, [55](#)
 - JobProvider_nl_NL, [87](#)
 - PersonProvider_nl_NL, [133](#)
 - PhoneNumberProvider_nl_BE, [167](#)
 - PhoneNumberProvider_nl_NL, [168](#)
 - SSNProvider_nl_NL, [184](#)
- * **nn**
 - PhoneNumberProvider_nn_NO, [169](#)
- * **no**
 - norwegian-language, [105](#)
 - PersonProvider_no_NO, [134](#)

- PhoneNumberProvider_no_NO, [170](#)
- * **package**
 - charlatan-package, [7](#)
- * **pl**
 - JobProvider_pl_PL, [88](#)
 - PersonProvider_pl_PL, [135](#)
 - PhoneNumberProvider_pl_PL, [171](#)
 - polish-language, [180](#)
- * **pt**
 - PhoneNumberProvider_pt_BR, [172](#)
 - PhoneNumberProvider_pt_PT, [173](#)
 - portuguese-language, [180](#)
- * **ru**
 - JobProvider_ru_RU, [89](#)
 - LoremProvider_ru_RU, [102](#)
 - PhoneNumberProvider_ru_RU, [174](#)
 - russian-language, [181](#)
- * **sk**
 - PhoneNumberProvider_sk_SK, [175](#)
- * **sv**
 - PhoneNumberProvider_sv_SE, [175](#)
 - swedish-language, [186](#)
- * **th**
 - PhoneNumberProvider_th_TH, [176](#)
 - thai-language, [190](#)
- * **tr**
 - PhoneNumberProvider_tr_TR, [177](#)
 - turkish-language, [190](#)
- * **uk**
 - ColorProvider_uk_UA, [37](#)
 - JobProvider_uk_UA, [90](#)
 - PhoneNumberProvider_uk_UA, [178](#)
 - ukrainian-language, [191](#)
- * **zh**
 - chinese-language, [25](#)
 - JobProvider_zh_TW, [91](#)
 - LoremProvider_zh_CN, [103](#)
 - LoremProvider_zh_TW, [104](#)
 - PhoneNumberProvider_zh_TW, [179](#)
- AddressProvider, [8](#), [36](#), [39](#), [67](#), [79](#), [96](#), [109](#), [137](#), [188](#), [193](#)
- AddressProvider_en_GB, [10](#), [13](#), [15](#), [37](#), [43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#), [144–148](#), [150](#), [184](#), [189](#), [194](#)
- AddressProvider_en_NZ, [11](#), [12](#), [15](#), [37](#), [43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#), [144–148](#), [150](#), [184](#), [189](#), [194](#)
- AddressProvider_en_US, [11](#), [13](#), [13](#), [37](#), [43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#), [144–148](#), [150](#), [184](#), [189](#), [194](#)
- AddressProvider_nl_NL, [16](#), [54](#), [56](#), [87](#), [134](#), [167](#), [168](#), [185](#)
- arabic-language, [18](#)
- available_locales_df, [18](#), [24](#)
- available_providers, [19](#)
- BareProvider, [19](#)
- BaseProvider, [22](#)
- bosnian-language, [23](#)
- bulgarian-language, [24](#)
- ch_beta (numerics), [106](#)
- ch_color, [26](#)
- ch_color_name (ch_color), [26](#)
- ch_company, [27](#)
- ch_credit, [28](#)
- ch_credit_card_number (ch_credit), [28](#)
- ch_credit_card_provider (ch_credit), [28](#)
- ch_credit_card_security_code (ch_credit), [28](#)
- ch_currency, [29](#)
- ch_date_time (date_time), [53](#)
- ch_doi, [29](#)
- ch_double (numerics), [106](#)
- ch_element_element (elements), [56](#)
- ch_element_symbol (elements), [56](#)
- ch_gene_sequence, [31](#)
- ch_generate, [30](#)
- ch_generate(), [7](#)
- ch_hex_color (ch_color), [26](#)
- ch_integer (numerics), [106](#)
- ch_job, [31](#)
- ch_lat (coordinates), [49](#)
- ch_lnorm (numerics), [106](#)
- ch_lon (coordinates), [49](#)
- ch_missing, [32](#)
- ch_name, [33](#)
- ch_norm (numerics), [106](#)
- ch_phone_number, [33](#)
- ch_position (coordinates), [49](#)
- ch_rgb_color (ch_color), [26](#)
- ch_rgb_css_color (ch_color), [26](#)
- ch_safe_color_name (ch_color), [26](#)
- ch_safe_hex_color (ch_color), [26](#)
- ch_ssn, [34](#)
- ch_taxonomic_epithet (taxonomy), [186](#)

- `ch_taxonomic_genus` (taxonomy), 186
- `ch_taxonomic_species` (taxonomy), 186
- `ch_timezone` (date_time), 53
- `ch_unif` (numerics), 106
- `ch_unix_time` (date_time), 53
- `charlatan` (charlatan-package), 7
- `charlatan-package`, 7
- `charlatan::AddressProvider`, 10, 12, 14, 16
- `charlatan::BareProvider`, 8, 10, 12, 14, 16, 22, 35, 36, 38, 40–48, 51, 54, 55, 58, 64, 68–77, 79–91, 94, 96–98, 100–104, 107, 110–116, 118–127, 129–179, 181–184, 187, 189, 191, 193
- `charlatan::BaseProvider`, 8, 10, 12, 14, 16, 35, 36, 38, 40–48, 54, 55, 58, 64, 68–76, 79–91, 94, 96–98, 100–104, 107, 110–116, 118–127, 129–179, 182–184, 187, 189, 191, 193
- `charlatan::ColorProvider`, 36, 38
- `charlatan::CompanyProvider`, 40–48
- `charlatan::ElementProvider`, 54, 55
- `charlatan::FileProvider`, 58
- `charlatan::InternetProvider`, 68–76
- `charlatan::JobProvider`, 80–91
- `charlatan::LoremProvider`, 96–98, 100–104
- `charlatan::PersonProvider`, 110–116, 118–127, 129–135
- `charlatan::PhoneNumberProvider`, 137–179
- `charlatan::SSNProvider`, 183, 184
- `charlatan::TaxonomyProvider`, 189
- `charlatan::UserAgentProvider`, 193
- `charlatan_locales`, 24
- `charlatan_locales()`, 18
- `charlatan_settings`, 25
- `chinese-language`, 25
- `ColorProvider`, 10, 26, 35, 39, 67, 79, 96, 109, 137, 188, 193
- `ColorProvider_en_US`, 11, 13, 15, 36, 43, 55, 57, 58, 71, 73, 81, 99, 116–118, 144–148, 150, 184, 189, 194
- `ColorProvider_uk_UA`, 37, 90, 178, 191
- `CompanyProvider`, 10, 27, 36, 38, 64, 67, 79, 96, 109, 137, 188, 193
- `CompanyProvider_bg_BG`, 24, 40, 68, 72, 110, 138
- `CompanyProvider_cs_CZ`, 41, 50, 69, 112, 139
- `CompanyProvider_de_DE`, 42, 61, 70, 114, 115, 141
- `CompanyProvider_en_US`, 11, 13, 15, 37, 38, 40–43, 43, 44–48, 55, 57, 58, 71, 73, 81, 99, 116–118, 144–148, 150, 184, 189, 194
- `CompanyProvider_es_MX`, 44, 119, 121, 149–151, 182
- `CompanyProvider_fa_IR`, 45, 58, 74, 82, 122, 152
- `CompanyProvider_fr_FR`, 46, 60, 75, 84, 85, 124, 125, 154, 155
- `CompanyProvider_hr_HR`, 47, 50, 76, 86, 126, 158
- `CompanyProvider_it_IT`, 48, 78, 127, 161
- `CoordinateProvider`, 49
- `coordinates`, 49
- `CreditCardProvider`, 28
- `croatian-language`, 49
- `CurrencyProvider`, 29
- `czech-language`, 50
-
- `danish-language`, 50
- `date_time`, 53
- `DateTimeProvider`, 51, 53
- `DOIProvider`, 29
- `dutch-language`, 54
-
- `ElementProvider`, 56
- `ElementProvider_en_US`, 11, 13, 15, 37, 43, 54, 57, 58, 71, 73, 81, 99, 116–118, 144–148, 150, 184, 189, 194
- `ElementProvider_nl_NL`, 17, 54, 55, 87, 134, 167, 168, 185
- `elements`, 56
- `english-language`, 57
-
- `farsi-language`, 57
- `FileProvider_en_US`, 11, 13, 15, 37, 43, 55, 57, 58, 71, 73, 81, 99, 116–118, 144–148, 150, 184, 189, 194
- `finnish-language`, 59
- `fraudster`, 59
- `fraudster()`, 7
- `french-language`, 60
-
- `german-language`, 61

- greek-language, [61](#)
- hebrew-language, [62](#)
- hindi-language, [62](#)
- hungarian-language, [63](#)
- indonesian-language, [63](#)
- InternetProvider, [10](#), [36](#), [39](#), [64](#), [79](#), [96](#),
[109](#), [137](#), [188](#), [193](#)
- InternetProvider_bg_BG, [24](#), [40](#), [68](#), [72](#),
[110](#), [138](#)
- InternetProvider_cs_CZ, [41](#), [50](#), [69](#), [112](#),
[139](#)
- InternetProvider_de_DE, [42](#), [61](#), [70](#), [114](#),
[115](#), [141](#)
- InternetProvider_en_AU, [11](#), [13](#), [15](#), [37](#), [43](#),
[55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#),
[144–148](#), [150](#), [184](#), [189](#), [194](#)
- InternetProvider_en_NZ, [24](#), [40](#), [68](#), [72](#),
[110](#), [138](#)
- InternetProvider_en_US, [11](#), [13](#), [15](#), [37](#), [43](#),
[55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#),
[144–148](#), [150](#), [184](#), [189](#), [194](#)
- InternetProvider_fa_IR, [45](#), [58](#), [74](#), [82](#),
[122](#), [152](#)
- InternetProvider_fr_FR, [46](#), [60](#), [75](#), [84](#), [85](#),
[124](#), [125](#), [154](#), [155](#)
- InternetProvider_hr_HR, [47](#), [50](#), [76](#), [86](#),
[126](#), [158](#)
- ISBNProvider, [77](#)
- italian-language, [78](#)
- japanese-language, [78](#)
- JobProvider, [10](#), [32](#), [36](#), [39](#), [67](#), [79](#), [96](#), [109](#),
[137](#), [188](#), [193](#)
- JobProvider_da_DK, [50](#), [80](#), [113](#), [140](#), [142](#)
- JobProvider_en_US, [11](#), [13](#), [15](#), [37](#), [43](#), [55](#),
[57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#),
[144–148](#), [150](#), [184](#), [189](#), [194](#)
- JobProvider_fa_IR, [45](#), [58](#), [74](#), [82](#), [122](#), [152](#)
- JobProvider_fi_FI, [83](#), [123](#), [153](#)
- JobProvider_fr_CH, [46](#), [60](#), [75](#), [84](#), [85](#), [124](#),
[125](#), [154](#), [155](#)
- JobProvider_fr_FR, [46](#), [60](#), [75](#), [84](#), [85](#), [124](#),
[125](#), [154](#), [155](#)
- JobProvider_hr_HR, [47](#), [50](#), [76](#), [86](#), [126](#), [158](#)
- JobProvider_nl_NL, [17](#), [54](#), [56](#), [87](#), [134](#), [167](#),
[168](#), [185](#)
- JobProvider_pl_PL, [88](#), [136](#), [171](#), [180](#)
- JobProvider_ru_RU, [89](#), [103](#), [174](#), [181](#)
- JobProvider_uk_UA, [38](#), [90](#), [178](#), [191](#)
- JobProvider_zh_TW, [26](#), [91](#), [104](#), [105](#), [179](#)
- korean-language, [92](#)
- latin-language, [92](#)
- latvian-language, [93](#)
- lithuanian-language, [93](#)
- LoremProvider, [10](#), [36](#), [39](#), [67](#), [79](#), [94](#), [109](#),
[137](#), [188](#), [193](#)
- LoremProvider_ar_AA, [18](#), [96](#)
- LoremProvider_el_GR, [61](#), [97](#), [143](#)
- LoremProvider_en_US, [11](#), [13](#), [15](#), [37](#), [43](#), [55](#),
[57](#), [58](#), [71](#), [73](#), [81](#), [98](#), [116–118](#),
[144–148](#), [150](#), [184](#), [189](#), [194](#)
- LoremProvider_he_IL, [62](#), [99](#), [156](#)
- LoremProvider_ja_JP, [78](#), [100](#), [128](#), [162](#)
- LoremProvider_la, [92](#), [101](#)
- LoremProvider_ru_RU, [89](#), [102](#), [174](#), [181](#)
- LoremProvider_zh_CN, [26](#), [91](#), [103](#), [105](#), [179](#)
- LoremProvider_zh_TW, [26](#), [91](#), [104](#), [104](#), [179](#)
- MissingDataProvider, [32](#)
- norwegian-language, [105](#)
- numerics, [106](#)
- PersonProvider, [8](#), [10](#), [12](#), [13](#), [16](#), [36](#), [39](#), [64](#),
[67](#), [79](#), [96](#), [107](#), [137](#), [188](#), [193](#)
- PersonProvider_bg_BG, [24](#), [40](#), [68](#), [72](#), [110](#),
[138](#)
- PersonProvider_cs_CZ, [41](#), [50](#), [69](#), [111](#), [139](#)
- PersonProvider_da_DK, [50](#), [80](#), [112](#), [140](#), [142](#)
- PersonProvider_de_AT, [42](#), [61](#), [70](#), [113](#), [115](#),
[141](#)
- PersonProvider_de_DE, [42](#), [61](#), [70](#), [114](#), [114](#),
[141](#)
- PersonProvider_en_GB, [11](#), [13](#), [15](#), [37](#), [43](#),
[55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [115](#), [117](#),
[118](#), [144–148](#), [150](#), [184](#), [189](#), [194](#)
- PersonProvider_en_NZ, [11](#), [13](#), [15](#), [37](#), [43](#),
[55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116](#), [116](#),
[118](#), [144–148](#), [150](#), [184](#), [189](#), [194](#)
- PersonProvider_en_US, [11](#), [13](#), [15](#), [33](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116](#),
[117](#), [117](#), [144–148](#), [150](#), [184](#), [189](#),
[194](#)
- PersonProvider_es_ES, [44](#), [119](#), [121](#), [149](#),
[151](#), [182](#)

- PersonProvider_es_MX, [44](#), [119](#), [120](#),
[149–151](#), [182](#)
 PersonProvider_fa_IR, [45](#), [58](#), [74](#), [82](#), [121](#),
[152](#)
 PersonProvider_fi_FI, [83](#), [122](#), [153](#)
 PersonProvider_fr_CH, [46](#), [60](#), [75](#), [84](#), [85](#),
[123](#), [125](#), [154](#), [155](#)
 PersonProvider_fr_FR, [46](#), [60](#), [75](#), [84](#), [85](#),
[124](#), [124](#), [154](#), [155](#)
 PersonProvider_hr_HR, [47](#), [50](#), [76](#), [86](#), [125](#),
[158](#)
 PersonProvider_it_IT, [48](#), [78](#), [126](#), [161](#)
 PersonProvider_ja_JP, [78](#), [101](#), [127](#), [162](#)
 PersonProvider_ko_KR, [92](#), [129](#), [163](#)
 PersonProvider_lt_LT, [93](#), [130](#), [164](#)
 PersonProvider_lv_LV, [93](#), [131](#), [165](#)
 PersonProvider_ne_NP, [132](#), [166](#)
 PersonProvider_nl_NL, [17](#), [54](#), [56](#), [87](#), [133](#),
[167](#), [168](#), [185](#)
 PersonProvider_no_NO, [105](#), [134](#), [169](#), [170](#)
 PersonProvider_pl_PL, [88](#), [135](#), [171](#), [180](#)
 PhoneNumberProvider, [10](#), [34](#), [36](#), [39](#), [67](#), [79](#),
[96](#), [109](#), [136](#), [188](#), [193](#)
 PhoneNumberProvider_bg_BG, [24](#), [40](#), [68](#), [72](#),
[110](#), [137](#)
 PhoneNumberProvider_bs_BA, [23](#), [138](#)
 PhoneNumberProvider_cs_CZ, [41](#), [50](#), [69](#),
[112](#), [139](#)
 PhoneNumberProvider_da_DK, [50](#), [80](#), [113](#),
[140](#), [142](#)
 PhoneNumberProvider_de_DE, [42](#), [61](#), [70](#),
[114](#), [115](#), [141](#)
 PhoneNumberProvider_dk_DK, [80](#), [113](#), [140](#),
[142](#)
 PhoneNumberProvider_el_GR, [61](#), [98](#), [143](#)
 PhoneNumberProvider_en_AU, [11](#), [13](#), [15](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [144](#), [145–148](#), [150](#), [184](#),
[189](#), [194](#)
 PhoneNumberProvider_en_CA, [11](#), [13](#), [15](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [144](#), [145](#), [146–148](#), [150](#),
[184](#), [189](#), [194](#)
 PhoneNumberProvider_en_GB, [11](#), [13](#), [15](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [144](#), [145](#), [146](#), [147](#), [148](#),
[150](#), [184](#), [189](#), [194](#)
 PhoneNumberProvider_en_NZ, [11](#), [13](#), [15](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [144–146](#), [147](#), [148](#), [150](#),
[184](#), [189](#), [194](#)
 PhoneNumberProvider_en_US, [11](#), [13](#), [15](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [144–147](#), [148](#), [150](#), [184](#),
[189](#), [194](#)
 PhoneNumberProvider_es_ES, [44](#), [119](#), [121](#),
[149](#), [151](#), [182](#)
 PhoneNumberProvider_es_MX, [11](#), [13](#), [15](#), [37](#),
[43](#), [44](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [121](#), [144–148](#), [150](#), [184](#),
[189](#), [194](#)
 PhoneNumberProvider_es_PE, [44](#), [119](#), [121](#),
[149](#), [151](#), [182](#)
 PhoneNumberProvider_fa_IR, [45](#), [58](#), [74](#), [82](#),
[122](#), [152](#)
 PhoneNumberProvider_fi_FI, [83](#), [123](#), [153](#)
 PhoneNumberProvider_fr_CH, [46](#), [60](#), [75](#), [84](#),
[85](#), [124](#), [125](#), [154](#), [155](#)
 PhoneNumberProvider_fr_FR, [46](#), [60](#), [75](#), [84](#),
[85](#), [124](#), [125](#), [154](#), [155](#)
 PhoneNumberProvider_he_IL, [62](#), [100](#), [156](#)
 PhoneNumberProvider_hi_IN, [62](#), [157](#)
 PhoneNumberProvider_hr_HR, [47](#), [50](#), [76](#), [86](#),
[126](#), [158](#)
 PhoneNumberProvider_hu_HU, [63](#), [159](#)
 PhoneNumberProvider_id_ID, [63](#), [160](#)
 PhoneNumberProvider_it_IT, [48](#), [78](#), [127](#),
[161](#)
 PhoneNumberProvider_ja_JP, [78](#), [101](#), [128](#),
[162](#)
 PhoneNumberProvider_ko_KR, [92](#), [129](#), [163](#)
 PhoneNumberProvider_lt_LT, [93](#), [130](#), [164](#)
 PhoneNumberProvider_lv_LV, [93](#), [132](#), [165](#)
 PhoneNumberProvider_ne_NP, [133](#), [166](#)
 PhoneNumberProvider_nl_BE, [17](#), [54](#), [56](#), [87](#),
[134](#), [167](#), [168](#), [185](#)
 PhoneNumberProvider_nl_NL, [17](#), [54](#), [56](#), [87](#),
[134](#), [167](#), [168](#), [185](#)
 PhoneNumberProvider_nn_NO, [135](#), [169](#), [170](#)
 PhoneNumberProvider_no_NO, [105](#), [135](#), [169](#),
[170](#)
 PhoneNumberProvider_pl_PL, [88](#), [136](#), [171](#),
[180](#)
 PhoneNumberProvider_pt_BR, [172](#), [173](#), [180](#)
 PhoneNumberProvider_pt_PT, [172](#), [173](#), [180](#)
 PhoneNumberProvider_ru_RU, [89](#), [103](#), [174](#),

[181](#)
PhoneNumberProvider_sk_SK, [175](#)
PhoneNumberProvider_sv_SE, [175](#), [186](#)
PhoneNumberProvider_th_TH, [176](#), [190](#)
PhoneNumberProvider_tr_TR, [177](#), [190](#)
PhoneNumberProvider_uk_UA, [38](#), [90](#), [178](#),
[191](#)
PhoneNumberProvider_zh_TW, [26](#), [91](#), [104](#),
[105](#), [179](#)
polish-language, [180](#)
portuguese-language, [180](#)

russian-language, [181](#)

SequenceProvider, [31](#), [181](#)
spanish-language, [182](#)
SSNProvider, [34](#), [182](#)
SSNProvider_en_US, [11](#), [13](#), [15](#), [37](#), [43](#), [55](#),
[57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#),
[144–148](#), [150](#), [183](#), [189](#), [194](#)
SSNProvider_nl_NL, [17](#), [54](#), [56](#), [87](#), [134](#), [167](#),
[168](#), [184](#)
subclass, [185](#)
swedish-language, [186](#)

taxonomy, [186](#)
TaxonomyProvider, [10](#), [36](#), [39](#), [67](#), [79](#), [96](#),
[109](#), [137](#), [187](#), [187](#), [193](#)
TaxonomyProvider_en_US, [11](#), [13](#), [15](#), [37](#), [43](#),
[55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#), [116–118](#),
[144–148](#), [150](#), [184](#), [189](#), [194](#)
thai-language, [190](#)
timezone, [52](#)
turkish-language, [190](#)

ukrainian-language, [191](#)
UserAgentProvider, [10](#), [36](#), [39](#), [67](#), [79](#), [96](#),
[109](#), [137](#), [188](#), [191](#)
UserAgentProvider_en_US, [11](#), [13](#), [15](#), [37](#),
[43](#), [55](#), [57](#), [58](#), [71](#), [73](#), [81](#), [99](#),
[116–118](#), [144–148](#), [150](#), [184](#), [189](#),
[193](#)