

Package ‘gde’

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Title GBIF Dataset Explorer

Version 0.2.1

Date 2023-03-20

Description Functions to explore datasets from the Global Biodiversity Information Facility (GBIF - <https://www.gbif.org/>) using a Shiny interface.

Encoding UTF-8

Imports dplyr, stringr, DT, XML, data.table, R.utils, readr, jsonlite, progress, httr, shinyWidgets, shinycssloaders

Depends R(>= 4.0.0), leaflet, shiny, ggplot2, RSQLite

License Apache License (>= 2.0)

URL <https://github.com/Smithsonian/GBIF-Dataset-Explorer>

BugReports <https://github.com/Smithsonian/GBIF-Dataset-Explorer/issues>

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

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launchApp	<i>launches the GDE app</i>
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Description

launches the GDE app

Usage

```
launchApp()
```

Value

shiny application object

load_gbif_dwc	<i>Open GBIF download from zip file</i>
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Description

Function that loads the data in a zip file downloaded from GBIF

Usage

```
load_gbif_dwc(zipfile = NA, tmpdir = "tmp", page_title = "GBIF Data")
```

Arguments

zipfile	Path to the zipfile
tmpdir	Temporary path for extracted files
page_title	Title to show on the Shiny app.

Examples

```
## Not run:  
data_loaded <- load_gbif_dwc(zipfile = "####.zip", tmpdir = "tmp", page_title = "GBIF Dataset 1")  
  
## End(Not run)
```

shinyAppServer	<i>Shiny app server function</i>
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Description

Shiny app server function

Usage

```
shinyAppServer(input, output, session)
```

Arguments

input	provided by shiny
output	provided by shiny
session	provided by shiny

shinyAppUI	<i>shinyAppServer</i>
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Description

shinyAppServer

Usage

```
shinyAppUI
```

Format

An object of class shiny.tag.list (inherits from list) of length 4.

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