

Package ‘catalogoUCsBR’

October 11, 2023

Type Package

Title An R package for preparing species listings for the Plant Catalog of Units of Brazilian Conservation.

Version 1.0.0

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Description The catalogo_ucs_BR package is designed to convert species occurrence data from the Jabot Geral, Jabot RB, Re flora, SpeciesLink and GBIF data portals into a more understandable format for use in preparing species listings for the Plant Catalog of Units of Brazilian Conservation.
The package provides tools to verify and standardize scientific names of species, join duplicates and select species records as a voucher to compose lists of plant species in UCs in Brazil, promoting the dissemination of knowledge about biodiversity in protected areas.

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Encoding UTF-8

LazyData FALSE

LazyDataCompression xz

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Imports dplyr,
dplyr,
tidyr,
readr,
stringr,
lubridate,
jsonlite,
sqldf,
rvest,
shiny,
shinydashboard,
rhandsontable,
DT,
rhandsontable,
shinyWidgets,
measurements,
downloader

Remotes `github::pablopains/catalogoUCsBR`
Depends `R (>= 3.5.0)`

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<code>app</code>	<i>Plant Catalog of Units of Brazilian Conservation App</i>
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Description

An R app for preparing species listings for the Plant Catalog of Units of Brazilian Conservation.

Usage

`load_app()`

Value

CSV files

Author(s)

Pablo Hendrigo Alves de Melo, Thuane Bochorny & Rafaela Forzza

See Also

[download.file](#), [aspell](#)

Examples

`load_app()`

app.prepare

*Plant Catalog of Units of Brazilian Conservation App***Description**

An R app for preparing species listings for the Plant Catalog of Units of Brazilian Conservation.

Usage

```
app.prepare()
```

Details

limpar memória

direcionar memória para processamento temporário em disco

carregar funções para mensurar tempos de processamento

iniciar tempo de processamento

carregar pacotes básicos

carregar funções desenvolvidas pelo CNCFLora

baixar e tabela FB2020 IPT Rodar somente em atualizações do IPT, aproximadamente 6 horas de processamento.

carregar tabela FB2020 IPT e funções de acesso conferência taxonômica carregar informações da espécie somente aqui encontramos dados de tipo de vegetação conforme FB2020

carregar funções para acesso APIs FB2020 v1 e v2 conferência taxonômica carregar informações da espécie

carregar pacotes R e funções

finalizar tempo de processamento

pano de fundo

Tela junção de resultados

standardize country names and iso 2 iso3 codes

iso2ToIso3 para utilizar em coordinateCleaner

centroids

conferência textual

Value

CSV files

0 - Preparar ambiente R

NA

Selecionar UC

NA

Install and load packages to test

NA

Gerar centroides

NA

Preparação

NA

Tela APP-

NA

Server

NA

padronizar nome de paises e codigos iso2 e iso3

NA

coordinateCleaner and bdc

NA

Run the application

NA

Author(s)

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See Also

[download.file](#), [aspell](#)

Examples

```
app.prepare()
```

app.review*Plant Catalog of Units of Brazilian Conservation App*

Description

An R app for preparing species listings for the Plant Catalog of Units of Brazilian Conservation.

Usage

```
app.review()
```

Value

CSV files

Author(s)

Pablo Hendrigo Alves de Melo, Thuane Bochorny & Rafaela Forzza

See Also

[download.file](#), [aspell](#)

Examples

```
app.review()
```

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