Package: DBTCShiny (via r-universe)

September 3, 2024

Type Package

Title Dada-BLAST-Taxon Assign-Condense Metabarcode Analysis 'shiny' Application

Version 0.1.3

Maintainer Robert G Young <rgyoung6@gmail.com>

Description Metabarcoding analysis using the 'DBTC' package is implemented here using 'shiny' in an interactive graphical user interface to conduct Metabarcode analyses and visualize and filter results.

License GPL-2 | GPL-3

Encoding UTF-8

URL <https://github.com/rgyoung6/DBTCShiny>

Imports DBTC, DT, ggplot2, leaflet, leaflet.extras, magrittr, shiny, shinyFiles, shinyjs, shinycssloaders, shinydashboard, shinyWidgets,

Language en-GB

LazyData true

RoxygenNote 7.3.1

Repository https://rgyoung6.r-universe.dev

RemoteUrl https://github.com/rgyoung6/dbtcshiny

RemoteRef HEAD

RemoteSha d302f3a306be93a1b33c5e11d4ca09222acc895a

Contents

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launchDBTCShiny   *Launch DBTCShiny*

Description

This function launches the DBTCShiny Application

Usage

```
launchDBTCShiny(verbose = TRUE)
```

Arguments

verbose   If set to TRUE then there will be output to the R console, if FALSE then this
               reporting data is suppressed (Default TRUE).

Details

This function launches a DBTCShiny Application which allows a user to run the 'DBTC' functions
and process high throughput sequencing data.

Value

There are no values or files returned from this function

Note

This is a wrapper function which launches the DBTCShiny package as a 'Shiny' application in the
systems default browser program

Author(s)

Robert G. Young

References

<https://github.com/rgyoung6/DBTC> Young, R. G., Hanner, R. H. (Submitted October 2023).
Metabarcoding analysis using Dada-BLAST-Taxon Assign-Condense shiny Application (DBTC-
Shiny). Biodiversity Data Journal.

See Also

dada_implement() combine_dada_output() make_BLAST_DB() seq_BLAST() taxon_assign() com-
bine_assign_output() reduce_taxa() combine_reduced_output()

Examples

```
if(interactive()){
launchDBTCShiny()
}
```

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