Package ‘EventDetectGUI’

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Type Package
Title Graphical User Interface for the 'EventDetectR' Package
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Description A graphical user interface for open source event detection.
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Author Sowmya Chandrasekaran [aut, cre],
     Margarita Rebolledo [aut],
     Frederik Rehbach [aut],
     Steffen Moritz [aut] (<https://orcid.org/0000-0002-0085-1804>),
     Paolo Aguilar [ctb],
     Andreas Bodendorfer [ctb],
     Christian Hoeffer [ctb],
     Akbar Shadakov [ctb]
Maintainer Sowmya Chandrasekaran <sowzz.17@gmail.com>
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R topics documented:

checkInputCorrectness ........................................... 2
geccoIC2018Test .................................................. 2
geccoIC2018Train .................................................. 2
getServer .......................................................... 3
checkInputCorrectness  checkInputCorrectness

Description
Main Input checking function, calls all subChecks and creates User-Dialogs for the respective problems.

Usage
checkInputCorrectness(input)

Arguments
input  GUi Inputs

Value
TRUE for correct user input, FALSE for a faulty configuration

geccoIC2018Test  geccoIC2018Test

Description

geccoIC2018Train  geccoIC2018Train

Description
**getServer**

Generate Server Part of GUI

Description

Generates the server part of the GUI. This method is used internally in the starting process of the GUI. Manual use of this function is not advised.

Usage

getServer(input, output, session)

Arguments

- input: shiny UI-input
- output: shiny UI-output
- session: shiny UI-session

Value

None

**getUIPage**

Defines the shiny UI-part of the GUI

Description

Generates the UI part of the GUI. This method is used internally in the starting process, manual use of this function is not advised.

Usage

getUIPage()

Value

None
### packageDataEnv

**Package Data Environment**

**Description**

Data Environment for storage and variable exchange between functions

**Usage**

```r
packageDataEnv
```

**Format**

An object of class `environment` of length 0.

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### runGUI

**runGUI**

**Description**

Run the starting command of the EventDetectGUI. Opens the graphical shiny application through which the user can access the algorithms and visualizations.

**Usage**

```r
runGUI()
```

**Value**

None

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### stationBData

**stationBData**

**Description**

Data for package testing purposes
Description

Parses the config.xml file. Reads all entries for preProcess, postProcess and algorithm. For each configured entry, a list with the entries name and all of its configurable parameters is returned.

Usage

xmlGetRootElement()

Value

List with all configured preProcess, postProcess and algorithms as well as their respective parameters.
Index

*Topic **datasets**
  packageDataEnv, 4

*Topic **data**
  geccoIC2018Test, 2
  geccoIC2018Train, 2
  stationBData, 4

checkInputCorrectness, 2

geccoIC2018Test, 2
geccoIC2018Train, 2
getServer, 3
getUIPage, 3

packageDataEnv, 4

runGUI, 4

stationBData, 4

xmlGetRootElement, 5