

Package ‘warpscriptr’

February 20, 2017

Title R Client for executing Warpscript on a Warp10 instance

Version 1.0

Description Post a warpscript request to an egress endpoint. Merge GTS contained in the response as a dataframe. Generate permalink to a quantum instance.

Depends R (>= 3.3.2)

License Apache 2.0

Encoding UTF-8

RoxygenNote 6.0.1.9000

R topics documented:

extractGTS	1
permalink	2
postWarpscript	2
Index	4

extractGTS	<i>Extract Geo Time Series</i>
------------	--------------------------------

Description

Extract all GTS from a JSON response and return them merged as a data frame

Usage

```
extractGTS(response, withLabels = FALSE)
```

Arguments

response	response body of a post request
withLabels	if TRUE, column names also include Labels. Default to FALSE

Value

dataframe

 permalink

*Generate a Permalink***Description**

Generate a permalink to a quantum instance.

Usage

```
permalink(warpscript, plot = FALSE,
  endpoint = "http://localhost:8080/api/v0/exec",
  quantum = "http://localhost:8090")
```

Arguments

warpscript	code or file name ending with .mc2
plot	the link point to the plot. Default to FALSE
endpoint	egress endpoint. Default to "http://localhost:8080/api/v0/exec"
endpoint	address of quantum instance. Default to "http://localhost:8090"

Value

url

 postWarpscript

*Post Warpscript Code***Description**

Post warpscript code to a Warp 10 instance and retrieve response as string, json, named list or dataframe.

Usage

```
postWarpscript(warpscript, endpoint = "http://localhost:8080/api/v0/exec",
  outputType = "json")
```

Arguments

warpscript	code or file name ending with .mc2
endpoint	egress endpoint. Default to "http://localhost:8080/api/v0/exec"
outputType	the type of the returned value. The supported types are "raw", "json", "pretty", "list" and "dataframe". Default to "json". If outputType is "dataframe", only GTS contained in the response will be present in the returned dataframe.

Value

string or json or named list or dataframe

Index

`extractGTS`, [1](#)

`permalink`, [2](#)

`postWarpscript`, [2](#)