

Package ‘warp10r’

February 21, 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 data frame. Generate permalink to a quantum instance.

Depends R (>= 3.3.2)

License Apache 2.0

Encoding UTF-8

RoxygenNote 6.0.1.9000

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

data frame

permalink	<i>Generate a Permalink</i>
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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	if TRUE, the generated link points to a plot. Default to FALSE
endpoint	egress endpoint. Default to "http://localhost:8080/api/v0/exec"
quantum	address of quantum instance. Default to "http://localhost:8090"

Value

url

postWarpscript	<i>Post Warpscript Code</i>
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Description

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

Usage

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

Arguments

warpscript	code or file name ending with .mc2
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 present in the response will be included in the returned data frame.
endpoint	egress endpoint. Default to "http://localhost:8080/api/v0/exec"

Value

string or json or named list or data frame

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