

Package ‘warpscriptr’

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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

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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

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

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

Value

string or json or named list or dataframe

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