

# 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 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

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 permalink

*Generate a Permalink*


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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

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 postWarpscript

*Post Warpscript Code*


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**Description**

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

**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 dataframe.
endpoint	egress endpoint. Default to "http://localhost:8080/api/v0/exec"

**Value**

string or json or named list or dataframe

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