Package 'RDataCanvas'

August 29, 2016

Type Package

Title Basic Runtime Support for Datacanvas.io

Version 0.1

Description Provides basic functionalities for writing a module for http://datacanvas.io. The http://datacanvas.io is a big data analytics platform that helps data scientists to build, manage and share data pipelines.

Depends R (>= 3.0.0)

License BSD_3_clause + file LICENSE

URL https://github.com/DataCanvasIO/RDataCanvas

BugReports https://github.com/DataCanvasIO/RDataCanvas/issues

LazyData true

Imports jsonlite

Suggests testthat

Author Xiaolin Zhang [aut, cre]

Maintainer Xiaolin Zhang <leoncamel@gmail.com>

NeedsCompilation no

Repository CRAN

Date/Publication 2014-12-09 08:43:09

R topics documented:

DCRuntime *DCRuntime will parse and extract Input/Output/Paramter, and return in S3 object.*

Description

This function will create a runtime object(in S3) for module. In order to create a DCRuntime object, we should provide the following items:

spec.json which defines the inputs/outputs/parameters of the module.

zetrt.json the parameters at runtime.

arguments the arguments from command line. In the format, like "A=1".

Usage

```
DCRuntime(spec_json = "spec.json", zetrt_json = NULL, args = NULL)
```

Arguments

spec_json	The path for "spec.json".
zetrt_json	The path for "zetrt.json". The default is NULL, which means we can get it from system environment variable "ZETRT".
args	The arguments for Input/Output with format like "A=1". The default is NULL, which means we can get it from command line arguments with "commandArgs".

Value

A S3 object.

See Also

See Screwjack about howto create a module.

Examples

```
## Not run: example to use DCRuntime
  rt <- DCRuntime(spec_json = "/your_path/spec.json",
                      zetrt_json = "/some_path/zetrt.json")
  # Use "rt" like this:
  rt$Output$o1$Val
  rt$Input$i1$Val
  rt$Param$P1$Val

## End(Not run)
```

RDataCanvas *RDataCanvas.*

Description

RDataCanvas.

Index