Package 'shiny.worker'

October 14, 2022

Type Package

Title Delegate Jobs for Shiny Web Applications

Version 0.0.1

Description It allows you to delegate heavy computation tasks
to a separate process, such that it does not freeze your Shiny app.

Encoding UTF-8

LazyData true

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Imports future, shiny, R6

RoxygenNote 7.1.1

Suggests testthat, covr

NeedsCompilation no

Author Paweł Przytuła [aut],
Dominik Krzemiński [cre],
Appsilon [cph]

Maintainer Dominik Krzemiński <dominik@appsilon.com>

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R topics documented:

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initialize_worker   *Creates new shiny.worker object*

Description

Creates new shiny.worker object

Usage

```
initialize_worker()
```

Value

shiny.worker object

Examples

```
if(interactive()){
 worker <- initialize_worker()
}
```

Worker   *Shiny Worker R6 Class*

Description

Shiny Worker R6 Class

Shiny Worker R6 Class

Methods

Public methods:

- [Worker$new()](#)
- [Worker$run_job()](#)
- [Worker$get_job_registry()](#)
- [Worker$clone()](#)

Method `new()`: Initialize the worker's registry

Usage:
```
Worker$new()
```

Method `run_job()`: Add job to the registry

Usage:

```
Worker$run_job(
  id,
  fun,
  args_reactive,
  value_until_resolved = NULL,
  invalidate_time = 1000
)
```

Arguments:

id character with job id

fun function to calculate

args_reactive reactive arguments that trigger the job

value_until_resolved default value returned until the job is completed

invalidate_time wait time before invalidating reactive context (msec)

Returns: reactive expression with promise of job completion

Method get_job_registry(): Displays jobs registry.

Usage:
Worker$get_job_registry()

Method clone(): The objects of this class are cloneable with this method.

Usage:
Worker$clone(deep = FALSE)

Arguments:

deep Whether to make a deep clone.

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