

Package: hotwater (via r-universe)

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Title Live Reload for Plumber APIs

Version 0.0.0.9002

Description Enhances development for plumber APIs by enabling live reloading. Monitors API files for changes and automatically refreshes the server and connected web clients, allowing for faster API iteration.

License GPL (>= 3)

URL <https://github.com/ElianHugh/hotwater>,
<https://elianhugh.github.io/hotwater/>

BugReports <https://github.com/ElianHugh/hotwater/issues>

Imports cli, httpuv, httr2, nanonext, mirai, plumber (>= 0.4.0),
utils, stats

Suggests box, docopt, testthat (>= 3.0.0), withr

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Repository <https://elianhugh.r-universe.dev>

RemoteUrl <https://github.com/ElianHugh/hotwater>

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cli *Run hotwater from the command line*

Description

Following `install_hotwater()`, the `hotwater` command can be used to run a hotwater engine straight from the terminal. See `run()` for further details on default values.

`hotwater -v` will provide the current version of hotwater. `hotwater -h` will provide help text.

Arguments

<code>-f</code>	plumber file
<code>-d</code>	extra directories
<code>-p</code>	plumber port
<code>-h</code>	show help
<code>-host</code>	plumber host

See Also

[run\(\)](#)

Examples

```
# ```sh
# hotwater -f path/to/app.R -p 9999
# ```
```

install_hotwater *Install global hotwater script*

Description

If hotwater is installed, users may run `hotwater` from the command line rather than from an R terminal.

Usage

```
install_hotwater(install_folder)
```

Arguments

`install_folder` folder to install hotwater script into. To run as expected, make sure that the folder supplied is on your `PATH` envvar.

See Also[uninstall_hotwater](#)**Examples**

```
hotwater::install_hotwater()
```

run

Start a hotwater engine

Description

Start the hotwater engine, launching a plumber API that is restarted whenever a file in the plumber API's folder is modified.

Extra directories can be specified to refresh the API when directories other than the plumber folder are modified.

If a plumber endpoint returns an HTML response, when hotwater refreshes the API, {hotwater} will also order a refresh of any webpage that is using the API.

Usage

```
run(path, dirs = NULL, port = NULL, host = NULL, ignore = NULL)
```

Arguments

path	path to plumber API file.
dirs	(optional) a character vector of extra directories to watch for file changes. Paths are resolved from the current working directory, not the directory of the plumber API file.
port	[default <code>httpuv::randomPort()</code>] port to launch API on. port can either be set explicitly, or it defaults to the <code>plumber.port</code> option. If the <code>plumber</code> option is undefined, the fallback value of <code>httpuv::randomPort()</code> is used.
host	[default "127.0.0.1"] host to launch API on. host can either be set explicitly, or it defaults to the <code>plumber.host</code> option. If the <code>plumber</code> option is undefined, the fallback value of "127.0.0.1" is used.
ignore	[default <code>c("*.sqlite", "*.git*")</code>] vector of file globs to ignore.

Details

To refresh the browser, a postserialize `plumber::pr_hook` is used to inject a websocket into the HTML client that listens for the plumber server refresh.

See Also

[plumber::options_plumber](#), [plumber::get_option_or_env](#), [plumber::serializer_html](#)

Examples

```
# start a hotwater session on port 9999
hotwater::run(
  path = system.file("examples", "plumber.R", package = "hotwater"),
  port = 9999L
)
```

uninstall_hotwater *Uninstall global hotwater script*

Description

Uninstall global hotwater script

Usage

```
uninstall_hotwater(install_folder)
```

Arguments

install_folder folder to uninstall hotwater from.

See Also

[install_hotwater](#)

Examples

```
hotwater::uninstall_hotwater()
```

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