

Package ‘mochita’

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Title Test R Web Applications

Version 1.0.0

Description Write so-called 'Integration Tests' for your R web applications
by declaring an HTTP request and the expectations its response should meet.

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Encoding UTF-8

RoxygenNote 8.0.0

Imports httpuv, nanonext (>= 1.10.1), R6, testthat (>= 3.0.0)

Config/testthat/edition 3

Suggests routing, yyjsonr

URL <https://github.com/JulioCollazos64/mochita>

BugReports <https://github.com/JulioCollazos64/mochita/issues>

NeedsCompilation no

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mochita*Test an HTTP server*

Description

`mochita()` builds the specification for testing an `httpuv` app. It returns a `Mochita` object whose methods can be chained together to build up a request, describe the expectations it should meet, and finally send it with `$perform()`.

Usage

```
mochita(app)
```

Arguments

`app` App definition, see [httpuv::startServer](#).

Value

A `Mochita` R6 class object.

Mochita Methods

A `Mochita` is an R6 Class with the following methods:

- `$get(path)`, `$head(path)`, `$post(path)`, `$put(path)`, `$delete(path)`, `$connect(path)`, `$options(path)`, `$trace(path)`, `$patch(path)` Set the HTTP Method and path of the request.
- `$set(name, value)` Set a request header.
- `$expect()` Add an expectation to check against the response, once performed. Accepts a status code (optionally with a body to match), a header name/value pair, a body to match, or a custom function taking the response.
- `$perform()` Send the request and run the recorded expectations against the response.

Examples

```
## Not run:
mochita(app)$get("/")$
  set("Accept", "text/plain")$
  expect(200)$
  expect("Content-Type", "text/plain")$
  perform()

## End(Not run)
```

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