**Description**

`hook_benchmark` sets a hook to benchmark chunks with the `benchmark=TRUE` option. The name of the trigger chunk option can be changed via the `chunk_option` parameter. The result is printed right after chunk outputs. See examples for the default printing format by `format_benchmark`.

**Usage**

```r
hook_benchmark(
  trigger = "benchmark",
  default = NULL,
  format = format_benchmark,
  .set = TRUE
)
```

`format_benchmark(result, options)`

**Arguments**

- `trigger` A name of chunk option that triggers benchmark (default: "benchmark"). In order to trigger benchmark, specify `TRUE` as a value of this option.
- `default` A default value for the chunk option that triggers the hook (default: `NULL`).
- `format` A function to format a benchmark result (default: `format_benchmark`). It must accept two arguments, where the first is the benchmark result and the second is the list of current chunk options. `NULL` suppresses printing.
- `.set` `TRUE` or `FALSE` to set the hook.
- `result` A result of benchmark
- `options` A list of current chunk options

**Format**

An object of class `environment` of length 0.

**Details**

`benchmarks` records the results of benchmarks from chunks as a list named by chunk labels. If one requires complex formatting of benchmark results, then suppress automatic formatting by `hook_benchmark(format = NULL)`. Then, retrieve benchmark results from `benchmarks["chunk-label"]`. Furthermore, `format` can happen conditionally by utilizing current chunk options via the second argument of the formatting function.
hook_figure_unit

Value

invisible hook function

Examples

# Set a hook that triggers benchmarks if the `time` chunk option is not `NULL`.
hook_benchmark("time")

# Example of the default output format
# Input is sec. Output is prettified.
format_benchmark(1234, options = list(label = "example-chunk"))

---

hook_figure_unit  Change the unit of figure size

Description

By default, figure size of R Markdown is specified with inches. This function changes the default unit.

Usage

hook_figure_unit(unit = "mm", .set = TRUE)

Arguments

unit  A string of an unit (default: "mm"). Available units follow: `measurements::conv_unit_options$length`.
.set  TRUE or FALSE to set the hook.

Details

As a side effect, fig.retina is set to NULL because of https://github.com/yihui/knitr/issues/1876.

Value

invisible hook function

Examples

hook_figure_unit('mm')
Description

Number lines on code blocks created by chunks, i.e. source, output, message, warning, and/or error.

Usage

hook_numberLines(targets = "source", .set = TRUE)

Arguments

- targets: A character vector specifying what kind of code blocks automatically number lines (default: "source"). Choices are "source", "output", "message", "warning", and/or "error". NULL disables the automation.
- .set: TRUE or FALSE to set the hook.

Value

invisible hook function

Examples

hook_numberLines("source")
Index

* datasets
  benchmark, 2

benchmark, 2
benchmarks (benchmark), 2

format_benchmark (benchmark), 2

hook_benchmark (benchmark), 2
hook_figure_unit, 3
hook_numberLines, 4