

# Package ‘history’

February 14, 2018

**Type** Package

**Title** Enhanced Command History Tracking for R Sessions and Dynamic Documents

**Version** 0.1.2

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**Description** Automatically tracks and makes programmatically available code evaluation history in R sessions and dynamic documents.

**License** Artistic-2.0

**Depends** methods

**Suggests** CodeDepends, rmarkdown, trackr, knitr

**Imports** fastdigest, evaluate

**VignetteBuilder** knitr

**Collate** '00first.R' 'allClasses.R' 'history.R' 'tracking.R' 'zzz.R'

**RoxygenNote** 6.0.1

**NeedsCompilation** no

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**Repository** CRAN

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HistoryTracker	<i>A reference class for tracking code history</i>
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**Description**

These classes implement history tracking in various contexts

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historyTracker	<i>Construct and activate a HistoryTracker object</i>
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**Description**

Constructors for the HistoryTracker family of objects.

**Usage**

```
historyTracker(id = "history_tracker")  
knitrTracker()
```

**Arguments**

id                    character. The id of the taskback

**Value**

A HistoryTracker object

**Note**

Generally end-users should never need to call these functions directly. Simply loading the histry package should provide them with history tracking.

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histropts	<i>histry</i>
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**Description**

These functions return the set of successfully evaluated expressions (`histry`) and the `HistoryTracker` object (`histry_tracker`) for the current context.

**Usage**

```
histropts()
histry()
histry_tracker()
histry_addinfo(...)
histry_setinknitr(val)
```

**Arguments**

<code>...</code>	Info to be added
<code>val</code>	Logical value indicating whether the evaluation context is currently in a knitr/rmarkdown.

**Details**

This means that when called during a knitr-based weaving process, the expressions will be those previously evaluated during that process, and the tracker will be a `KnitrHistoryTracker`. When called outside of the weaving context, the top-level-expression history and history tracker will be returned, respectively.

**Value**

A list of R code expressions for `histry` and a `HistoryTracker` object for `histry_tracker`

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<code>knitrtracer</code>	<i>knitr history tracking</i> These functions are exported due to the vagaries of how tracing functions works in R. Knitr history support is now turned on when the <code>histry</code> package is loaded; They should never be called directly by an end user.
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**Description**

`evaltracer`

**Usage**

```
knitrtracer(on, record = FALSE)
```

```
evaltracer(on = TRUE, record = FALSE)
```

**Arguments**

on	logical. Should tracking be turned on (TRUE) or off (FALSE)
record	logical. Should visibly printed results within the weaving process be recorded (if trackr is available).

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