

# Package: shinyComponents (via r-universe)

January 7, 2025

**Title** 'Shiny' Components in 'R Markdown'

**Version** 0.0.1.9000

**Description** 'Shiny' components, stored in 'R Markdown' documents.

**License** MIT + file LICENSE

**URL** <https://github.com/gadenbuie/shinyComponents>

**BugReports** <https://github.com/gadenbuie/shinyComponents/issues>

**Imports** htmltools, knitr, R6, rlang, sass, shiny, yaml

**Suggests** rmarkdown

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.1

**Config/pak/sysreqs** make zlib1g-dev

**Repository** <https://gadenbuie.r-universe.dev>

**RemoteUrl** <https://github.com/gadenbuie/shinyComponents>

**RemoteRef** main

**RemoteSha** 2ffb51244d01faef370a0a81c7c316be82235597

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**Description**

Shiny Components are self-contained shiny modules or app components, defined in R Markdown documents.

**Public fields**

`ui` The UI components. If the component contains only one unnamed `ui` chunk, or one `ui` chunk named `ui`, then this field is a method, otherwise it is a list of `ui` component methods.

`server` The server components. If the component contains only one unnamed `server` chunk, or one `server` chunk named `server`, then this field is a method, otherwise it is a list of `server` component methods.

`dependencies` A list of the component's HTML dependencies.

**Methods****Public methods:**

- [ShinyComponent\\$new\(\)](#)
- [ShinyComponent\\$assets\(\)](#)
- [ShinyComponent\\$app\(\)](#)

**Method** `new()`: Initialize the Shiny Component from an R Markdown file.

*Usage:*

`ShinyComponent$new(file)`

*Arguments:*

`file` Path to the R Markdown document

*Returns:* A new Shiny Component

**Method** `assets()`: The component's CSS, compiled SASS, and JavaScript assets.

*Usage:*

`ShinyComponent$assets()`

*Returns:* A `shiny::tagList()` containing the component's CSS and JavaScript assets.

**Method** `app()`: An example app, created from the primary `ui` and `server`.

*Usage:*

`ShinyComponent$app(..., id = NULL, .ui = list(), .server = list())`

*Arguments:*

`...` Additional variables added into `ui` and `server` environments, in `ui`, `server` and `app` methods. Otherwise, ignored.

`id` The component ID, if the component is being used as Shiny module.

`.ui` A list of arguments to be passed on to the `ui()` method.

`.server` A list of arguments to be passed on to the `server()` method.

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