

# Package ‘BiocHubsShiny’

October 15, 2023

**Type** Package

**Title** View AnnotationHub and ExperimentHub Resources Interactively

**Version** 1.0.0

**Description** A package that allows interactive exploration of AnnotationHub and ExperimentHub resources. It uses DT / DataTable to display resources for multiple organisms. It provides template code for reproducibility and for downloading resources via the indicated Hub package.

**License** Artistic-2.0

**Encoding** UTF-8

**Depends** R (>= 4.3.0), shiny

**Imports** AnnotationHub, ExperimentHub, DT, htmlwidgets, S4Vectors, shinyAce, shinyjs, shinythemes, shinytoastr, utils

**Suggests** BiocManager, BiocStyle, knitr, rmarkdown, sessioninfo, shinytest2

**biocViews** Software, ShinyApps

**BugReports** <https://github.com/Bioconductor/BiocHubsShiny/issues>

**URL** <https://github.com/Bioconductor/BiocHubsShiny>

**VignetteBuilder** knitr

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**git\_url** <https://git.bioconductor.org/packages/BiocHubsShiny>

**git\_branch** RELEASE\_3\_17

**git\_last\_commit** 762fd05

**git\_last\_commit\_date** 2023-04-25

**Date/Publication** 2023-10-15

**Author** Marcel Ramos [aut, cre] (<<https://orcid.org/0000-0002-3242-0582>>), Vincent Carey [ctb]

**Maintainer** Marcel Ramos <marcel.ramos@roswellpark.org>

**R topics documented:**

BioHubsShiny . . . . . 2

**Index** . . . . . 3

BioHubsShiny      *Initialize the shiny application for Bioconductor Hub resources*

**Description**

The shiny app will allow the user to view a table of either [AnnotationHub](#) or [ExperimentHub](#) resources depending on the sidebar selection. It provides example code for downloading the selected resources.

**Usage**

```
BioHubsShiny(...)
```

**Arguments**

...                  Further arguments to the runApp function

**Details**

Note. The code here was adapted from `interactiveDisplayBase` and `?'display,Hub-method'` which are now deprecated.

**Value**

Mainly called for the side effect of displaying the shiny app in a browser

**Examples**

```
if (interactive()) {
  BioHubsShiny()
}
```

# Index

[AnnotationHub](#), 2

[BioHubsShiny](#), 2

[ExperimentHub](#), 2