

# Package ‘BiocHubsShiny’

July 16, 2025

**Type** Package

**Title** View AnnotationHub and ExperimentHub Resources Interactively

**Version** 1.9.1

**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, rclipboard,  
S4Vectors, shinyAce, shinyjs, shinythemes, shinytoastr, utils

**Suggests** BiocManager, BiocStyle, curl, glue, 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** 7.3.2

**Date** 2025-04-07

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

**git\_branch** devel

**git\_last\_commit** 7916978

**git\_last\_commit\_date** 2025-05-21

**Repository** Bioconductor 3.22

**Date/Publication** 2025-07-16

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

**Maintainer** Marcel Ramos <marcel.ramos@sph.cuny.edu>

## Contents

|                         |          |
|-------------------------|----------|
| BiocHubsShiny . . . . . | 2        |
| <b>Index</b>            | <b>3</b> |

---

|               |                                                                        |
|---------------|------------------------------------------------------------------------|
| BiocHubsShiny | <i>Initialize the shiny application for Bioconductor Hub resources</i> |
|---------------|------------------------------------------------------------------------|

---

### 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

```
BiocHubsShiny(...)
```

### 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()) {  
  BiocHubsShiny()  
}
```

# Index

AnnotationHub, [2](#)

BiocHubsShiny, [2](#)

ExperimentHub, [2](#)