

Package: iSEEhub (via r-universe)

June 3, 2026

Title iSEE for the Bioconductor ExperimentHub

Version 1.14.0

Date 2024-10-01

Description This package defines a custom landing page for an iSEE app interfacing with the Bioconductor ExperimentHub. The landing page allows users to browse the ExperimentHub, select a data set, download and cache it, and import it directly into a Bioconductor iSEE app.

License Artistic-2.0

URL <https://github.com/iSEE/iSEEhub>

BugReports <https://support.bioconductor.org/t/iSEEhub>

biocViews DataImport, ImmunoOncology Infrastructure, ShinyApps, SingleCell, Software

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.1

Depends SummarizedExperiment, SingleCellExperiment, ExperimentHub

Imports AnnotationHub, BiocManager, DT, iSEE, methods, rintrojs, S4Vectors, shiny, shinydashboard, shinyjs, utils

Suggests BiocStyle, covr, knitr, RefManageR, rmarkdown, sessioninfo, testthat (>= 3.0.0), nullrangesData

Enhances BioPlex, biscuiteerData, bodymapRat, CLLmethylation, CopyNeutralIMA, curatedAdipoArray, curatedAdipoChIP, curatedMetagenomicData, curatedTCGADData, DMRcatedata, DuoClustering2018, easierData, emtdata, epimutationsData, FieldEffectCrc, GenomicDistributionsData, GSE103322, GSE13015, GSE62944, HDCytoData, HMP16SData, HumanAffyData, imcdatasets, mcsurvdata, MetaGxBreast, MetaGxOvarian, MetaGxPancreas, MethylSeqData, muscData, NxtIRFdata, ObMiTi, quantiseqr, restfulSEData, RLHub, sesameData, SimBenchData, SingleCellMultiModal, SingleMoleculeFootprintingData,

spatialDmelxsim, STexampleData, TabulaMurisData,
 TabulaMurisSenisData, TENxVisiumData, tissueTreg,
 VectraPolarisData, xcoredata

Config/testthat/edition 3

VignetteBuilder knitr

Config/pak/sysreqs

cmake libglpk-dev make libicu-dev libpng-dev libuv1-dev libxml2-dev libssl-dev perl zlib1g-dev

Repository <https://bioc-release.r-universe.dev>

Date/Publication 2026-04-28 12:59:00 UTC

RemoteUrl <https://github.com/bioc/iSEEhub>

RemoteRef RELEASE_3_23

RemoteSha 3f9d40fb6664c1487bc224fd56f582053fe10ea3

Contents

iSEEhub	2
Index	4

iSEEhub	<i>iSEEhub app</i>
---------	--------------------

Description

iSEEhub app

Usage

```
iSEEhub(ehub, runtime_install = FALSE)
```

Arguments

`ehub` An [ExperimentHub\(\)](#) object.

`runtime_install`

A logical scalar indicating whether the app may allow users whether to install data set dependencies at runtime using [BiocManager::install\(\)](#) through a modal prompt.

Value

An [iSEE\(\)](#) app with a custom landing page interfacing with ehub.

Examples

```
library(ExperimentHub)
ehub <- ExperimentHub()

app <- iSEHub(ehub)

if (interactive()) {
  shiny::runApp(app, port = 1234)
}
```

Index

`BiocManager::install()`, 2

`ExperimentHub()`, 2

`iSEE()`, 2

`iSEEhub`, 2