

Package: easy16S (via r-universe)

July 8, 2026

Title a user-friendly Shiny web-service for exploration and visualization of microbiome

Version 26.07

Description This shiny application provides users with an interactive and easy-to-use microbiome analysis framework.

License AGPL (>= 3)

URL <https://easy16s.migale.inrae.fr>,

doi 10.21105/joss.06704

BugReports <https://forge.inrae.fr/migale/easy16s/-/issues>

Depends R (>= 4.2.0)

Imports Biostings, broom, bsplus, config (>= 0.3.1), DESeq2, dplyr, DT, esquisse, forcats, ggfortify, ggplot2, glue, golem (>= 0.4.1), htmltools, methods, phyloseq, phyloseq.extended, plotly, purrr, readr, rlang, rstatix, shiny (>= 1.7.4), shinycssloaders, shinydashboard, shinyWidgets, spsComps, stats, stringr, tibble, tidyr, tools, utils, vegan

Suggests knitr, rmarkdown, spelling, testthat (>= 3.0.0)

VignetteBuilder knitr

Remotes mahendra-mariadassou/phyloseq-extended@dev

biocViews Microbiome

Config/testthat/edition 3

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Config/roxygen2/version 8.0.0

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run_app	<i>Run the Shiny Application</i>
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Description

Run the Shiny Application

Usage

```
run_app(  
  physeq = NULL,  
  onStart = NULL,  
  options = list(),  
  enableBookmarking = NULL,  
  uiPattern = "/",  
  ...  
)
```

Arguments

physeq	A phyloseq object to load in the app.
onStart	A function that will be called before the app is actually run. This is only needed for shinyAppObj, since in the shinyAppDir case, a global.R file can be used for this purpose.
options	Named options that should be passed to the runApp call (these can be any of the following: "port", "launch.browser", "host", "quiet", "display.mode" and "test.mode"). You can also specify width and height parameters which provide a hint to the embedding environment about the ideal height/width for the app.
enableBookmarking	Can be one of "url", "server", or "disable". The default value, NULL, will respect the setting from any previous calls to enableBookmarking() . See enableBookmarking() for more information on bookmarking your app.
uiPattern	A regular expression that will be applied to each GET request to determine whether the ui should be used to handle the request. Note that the entire request path must match the regular expression in order for the match to be considered successful.
...	arguments to pass to golem_opts. See ‘?golem::get_golem_options’ for more details.

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