

Package: rave (via r-universe)

October 13, 2026

Type Package

Title R Analysis and Visualization of 'ECOG/iEEG' Data

Version 1.99.0

Description R Analysis and Visualization of 'ECOG/iEEG' Data RAVE provides cross-platform analysis and visualizations for neuroscience 'ECOG/iEEG' data by ``just clicking buttons''. This package include: (a) pre-processing of 'ECOG/iEEG' raw data into 'HDF5' format (a cross-platform data format that can be used for R, Matlab, Python, Java and C/C++); (b) 'ECOG/iEEG' epoch and visualizations in real time; (c) Users can write customized analysis as R packages and easily insert into RAVE for interactive visualizations. (d) 3D viewers driven by 'WebGL'.

License GPL-3

Encoding UTF-8

Language en-US

URL <https://rave.wiki>, <https://beauchamplab.github.io/rave/>

BugReports <https://github.com/beauchamplab/rave/issues>

Imports utils, ravetools, ravedash, ravecore, ravepipeline, shiny (>= 1.0.5), stringr (>= 1.2.0)

Suggests threeBrain (>= 0.2.1), spelling, testthat (>= 3.0.0)

Config/roxygen2/version 8.0.0

Config/pak/sysreqs cmake libfftw3-dev git libglpk-dev make libicu-dev libpng-dev libuv1-dev libxml2-dev libssl-dev python3 libzmq3-dev zlib1g-dev

Repository <https://dipterix.r-universe.dev>

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RemoteUrl <https://github.com/beauchamplab/rave>

RemoteRef HEAD

RemoteSha b05f43e6e341ff47554bc835b29007837b6a6141

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start_rave	<i>Start 'RAVE' main application</i>
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Description

Start 'RAVE' main application

Usage

```
start_rave2(  
  host = "127.0.0.1",  
  port = NULL,  
  launch.browser = TRUE,  
  jupyter = FALSE,  
  as_job = FALSE,  
  ...  
)  
  
start_rave(  
  host = "127.0.0.1",  
  port = NULL,  
  launch.browser = TRUE,  
  jupyter = FALSE,  
  as_job = FALSE,  
  ...  
)
```

Arguments

host	host IP address; default is "127.0.0.1"
port	integer port number; default is random
launch.browser	whether to launch browser; default is true
jupyter	whether to launch the 'Jupyter' server; default is false
as_job	whether to launch in the background as an 'RStudio' job; available only in 'RStudio'
...	passed to start_session

Value

A 'shiny' application object (invisibly when launched as a job).

See Also[start_session](#)**Examples**

```
if (interactive()) {  
  start_rave()  
}
```

start_yael	<i>Start 'Yael' electrode localization</i>
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Description

Start 'Yael' electrode localization

Usage

```
start_yael(  
  host = "127.0.0.1",  
  port = NULL,  
  launch.browser = TRUE,  
  as_job = FALSE,  
  ...  
)
```

Arguments

host	host IP address
port	integer port number; default is random
launch.browser	whether to launch browsers
as_job	whether to launch in background; available only in 'RStudio'
...	passed to start_session

Value

A 'shiny' application object (invisibly when launched as a job).

Examples

```
if (interactive()) {  
  start_yael()  
}
```

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