

Package ‘BEACH’

July 21, 2025

Version 1.3.1

Date 2019-02-01

Title Biometric Exploratory Analysis Creation House

License GPL (>= 2)

Depends R (>= 3.1.0)

Imports shiny (>= 0.12.2), DT (>= 0.1), haven (>= 0.1.1), xtable (>= 1.7-4), rtf (>= 0.4-11), plyr (>= 1.8.2), sas7bdat (>= 0.5), WriteXLS (>= 3.5.1), rJava(>= 0.9-6), devtools (>= 1.9)

Encoding UTF-8

Description A platform is provided for interactive analyses with a goal of totally easy to develop, deploy, interact, and explore (TEDDIE). Using this package, users can create customized analyses and make them available to end users who can perform interactive analyses and save analyses to RTF or HTML files. It allows developers to focus on R code for analysis, instead of dealing with html or shiny code.

URL <https://www.pharmasug.org/proceedings/2018/AD/PharmaSUG-2018-AD05.pdf>,
https://higherlogicdownload.s3.amazonaws.com/AMSTAT/fa4dd52c-8429-41d0-abdf-0011047bfa19/UploadedImages/Webinars/2017/2017-09_Yu.pdf

NeedsCompilation no

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Repository CRAN

Date/Publication 2019-02-11 17:53:31 UTC

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BEACH-package

*Biometric Exploratory Analysis Creation House Biometric Exploratory Analysis Creation House***Description**

A platform is provided for interactive analyses with a goal of totally easy to develop, deploy, interact, and explore (TEDDIE). Using this package, users can create customized analyses and make them available to end users who can perform interactive analyses and save analyses to RTF or HTML files. It allows developers to focus on R code for analysis, instead of dealing with html or shiny code. A platform is provided for interactive analyses with a goal of totally easy to develop, deploy, interact, and explore (TEDDIE). Using this package, users can create customized analyses and make them available to end users who can perform interactive analyses and save analyses to RTF or HTML files. It allows developers to focus on R code for analysis, instead of dealing with html or shiny code.

Details

The DESCRIPTION file:

```
Package:      BEACH
Version:      1.3.1
Date:         2019-02-01
Title:        Biometric Exploratory Analysis Creation House
Authors@R:    c(person("Danni Yu", role=c("aut", "cre"), email="danni.yu@gmail.com"), person("Michael Man", role=c("au
License:      GPL (>=2)
Depends:      R (>= 3.1.0)
Imports:      shiny (>= 0.12.2), DT (>= 0.1), haven (>= 0.1.1), xtable (>= 1.7-4), rtf (>= 0.4-11), plyr (>= 1.8.2), sas7bdat (
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Author:       Danni Yu [aut, cre], Michael Man [aut], ChenChen Yu [com]
Maintainer:   Danni Yu <danni.yu@gmail.com>
```

Index of help topics:

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	Biometric Exploratory Analysis Creation House
runBEACH	Run the BEACH app

Author(s)

Danni Yu and Michael Man NA

Maintainer: NA Danni Yu <danni.yu@gmail.com>

Examples

```
# runBEACH()
```

runBEACH

Run the BEACH app

Description

The web interface will be automatically load after running the function.

Usage

```
runBEACH()
```

Author(s)

Danni Yu

Examples

```
#Install a github package that is capable to import compressed sas7bdat files.
#if(!"sas7bdat.parso" %in% installed.packages())
# devtools::install_github('BioStatMatt/sas7bdat.parso', force=TRUE)
#
#runBEACH()
```

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