

# Package ‘dextergui’

June 21, 2022

**Type** Package

**Title** A Graphical User Interface for Dexter

**Version** 0.2.6

**Maintainer** Jesse Koops <jesse.koops@cito.nl>

**Description** Classical Test and Item analysis,  
Item Response analysis and data management for educational and psychological tests.

**License** GPL-3

**URL** <https://dexter-psychometrics.github.io/dexter/>

**BugReports** <https://github.com/dexter-psychometrics/dexter/issues>

**Encoding** UTF-8

**Depends** R (>= 3.4), dexter (>= 1.2.1)

**Imports** shiny (>= 1.3.0), shinyBS (>= 0.6), DT (>= 0.9), htmltools (>= 0.4.0), htmlwidgets (>= 1.3), shinyjs (>= 2.0), shinyFiles (>= 0.9.2), jsonlite (>= 1.5), dplyr (>= 1.0), tidyr (>= 1.0), tibble (>= 3.0), rlang (>= 0.4.0), RCurl (>= 1.95), DBI (>= 1.0.0), readxl (>= 1.1), writexl (>= 1.0), readODS (>= 1.6), ggplot2 (>= 3.3.5), ggExtra (>= 0.8), ggridges (>= 0.5.1), networkD3 (>= 0.4), Cairo, graphics, grDevices, methods, utils, tools

**RoxygenNote** 7.0.2

**Suggests** knitr, psych, sirt, MLCIRTwithin, rmarkdown

**VignetteBuilder** knitr

**NeedsCompilation** no

**Author** Jesse Koops [aut, cre],  
Eva de Schipper [aut],  
Ivailo Partchev [aut, ctb],  
Gunter Maris [aut, ctb],  
Timo Bechger [aut, ctb],  
Gareth Watts [cph] (author of jquery.sparkline),  
Hakim El Hattab [cph] (author of zoom.js)

**Repository** CRAN

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dextergui	<i>Start dextergui</i>
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### Description

Opens a shiny application providing a graphical user interface to dexter.

### Usage

```
dextergui(dbpath = NULL, wd = getwd(), roots = NULL)
```

### Arguments

dbpath	path to a dexter project database or NULL, in which case you can select a project after starting dextergui
wd	where dextergui first looks for and saves project files, defaults to current working directory.
roots	volumes or paths on your hard drive available for opening and saving project files. Set NULL to use all accessible volumes

### Details

The best results are achieved when the gui is opened in a browser (Chrome, Brave, FireFox). Somewhat less aesthetically pleasing results are achieved in Internet Explorer. The Edge browser is not supported at this time.

The RStudio browser does not currently support downloads of plots and tables. Starting the gui in your default browser automatically can be achieved in several ways. One way, shown below, is to set the shiny.launch.browser option to TRUE.

### Examples

```
## Not run:

options(shiny.launch.browser = TRUE)

dextergui()

## End(Not run)
```

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