

Package ‘reshapeGUI’

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Title A GUI for the reshape2 and plyr packages.

Type Package

LazyLoad yes

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Description A tool for learning how to use the functions, melt, acast/dcast, and dply.

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Depends reshape2, plyr, gWidgets, gWidgetsRGtk2

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Description

reshapeGUI: A GUI for the reshape2 and plyr packages ; A tool for learning how to use the functions, melt, acast/dcast, and dply.

Details

This graphical user interface (GUI) was built with the gWidgets package, under the RGtk2 toolkit. Some features of the GUI are as follows:

- Use either data frames from your workspace, or read in .csv files from your hard drive.
- Utilize help buttons (look for ?'s) within GUI for quick hints on how to use specific parts of the GUI
- Learn the syntax of the melt, acast/dcast, and dply functions from the dynamically updating code previews
- Make changes to code within the GUI for added flexibility
- Preview both raw data frames, as well as ones created with melt, acast/dcast, and dply for quick feedback and results
- Execute code in GUI to export created data frames to your workspace
- Export outputted data frame to .csv files

NOTE: This GUI is meant as a tool for learning how to use the specified functions, not as a replacement for their use. Much of the flexibility of the functions is lost within the GUI. I designed features like the code preview with the intention that the user would use the GUI in a sort of "training wheels" approach, eventually transitioning to being able to write the code independently. Good luck!

Author(s)

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Examples

```
# Bring two datasets included with reshape2 into the workspace
data(tips)
data(french_fries)

# Run the GUI
## Not run: reshapeGUI()
```

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