GlycoDash code structure

# R folder

## Main app

app\_server.R *Server part of the dashboard.*

app\_ui.R *User interface of the dashboard.*

## Modules

‘mod\_’ files contain the module ui and server functions.

‘mod\_tab\_’ files are modules in which the content of a tabPanel is created.

‘fct\_’ files contain functions used in the corresponding module.

**Module structure:**

mod\_data\_import.R

mod\_read\_lacytools.R / fct\_read\_lacytools.R

mod\_add\_sample\_ids.R / fct\_add\_sample\_ids.R

mod\_process\_plate\_design.R

mod\_process\_sample\_list.R

mod\_add\_sample\_types.R / fct\_add\_sample\_types.R

mod\_process\_sample\_type\_file.R

mod\_add\_clusters.R / fct\_clusters.R

mod\_add\_metadata.R / fct\_add\_metadata.R

mod\_spectra\_curation.R / fct\_spectra\_curation.R

mod\_curate\_based\_on\_ controls.R

mod\_curate\_based\_on\_percentiles.R

mod\_tab\_cut\_offs.R

mod\_tab\_curated\_spectra\_plot.R

mod\_analyte\_curation.R / fct\_analyte\_curation.R

mod\_tab\_curated\_analytes.R

mod\_normalization.R / fct\_normalization.R

mod\_quantitation.R / fct\_quantitation.R

mod\_derived\_traits.R / fct\_derived\_traits.R

mod\_repeatability.R / fct\_repeatability.R

mod\_tab\_repeatability.R

mod\_tab\_repeatability\_plot.R

mod\_data\_exploration.R / fct\_data\_exploration.R

mod\_tab\_data\_exploration.R

mod\_export.R

All functions (except small helper functions) within the fct\_ files are documented using the roxygen2 package. To view the documentation as a help page run ‘golem::document\_and\_reload()’. Then run ? followed by the function name as you would with regular R functions.

## Default golem files

app\_config.R Default golem file, don’t change.

golem\_utils\_server.R Contains default golem functions you can use in your server functions, I didn’t use these, just ignore.

golem\_utils\_ui.R Same as above, but for ui functions.

run\_app.R File used to launch your app, don’t change.

## Other

data.R Documentation on example datasets in the package.

utils\_general.R Here I wrote utility functions that I use throughout the app.

utils-pipe.R This file is needed so that you can use the %>% operator in your app.