

Package: gammaShiny (via r-universe)

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Title 'shiny' Applications for the R Package 'gamma'

Version 0.2.0

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Description A collection of 'shiny' applications for the R package 'gamma'.

License GPL-3

URL <https://github.com/crp2a/gammaShiny>

BugReports <https://github.com/crp2a/gammaShiny/issues>

Imports DT, gamma (>= 1.1.0), ggplot2, grDevices, gt, khroma, knitr, methods, plotly, shiny, shinyWidgets, tools, utils

Encoding UTF-8

RoxygenNote 7.3.2

Collate 'gammaShiny-package.R' 'module_about_ui.R'
'module_dose_server.R' 'module_dose_ui.R'
'module_energy_server.R' 'module_energy_ui.R'
'module_import_server.R' 'module_import_ui.R'
'module_settings_server.R' 'module_settings_ui.R' 'run.R'

Repository <https://crp2a.r-universe.dev>

RemoteUrl <https://github.com/crp2a/gammaShiny>

RemoteRef v0.2.0

RemoteSha 44120fbd0d82a793aeac0ea4ab2708d95a365ee5

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module_energy_server	<i>Energy Calibration Server</i>
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Description

Energy Calibration Server

Usage

module_energy_server(input, output, session, user_data, user_settings)

Arguments

- | | |
|---------------|--|
| input | provided by Shiny . |
| output | provided by Shiny . |
| session | provided by Shiny . |
| user_data | a [shiny::reactiveValues()] list with the following elements: "code", "names" and "raw". |
| user_settings | a [shiny::reactiveValues()] list. |

See Also

[module_energy_ui()]
Other modules: [module_about_ui\(\)](#), [module_dose_server\(\)](#), [module_dose_ui\(\)](#), [module_energy_ui\(\)](#), [module_import_server\(\)](#), [module_import_ui\(\)](#), [module_settings_server\(\)](#), [module_settings_ui\(\)](#)

module_energy_ui	<i>Energy Calibration UI</i>
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Description

Energy Calibration UI

Usage

module_energy_ui(id)

Arguments

- | | |
|----|--|
| id | A ['character'] vector to be used for the namespace. |
|----|--|

See Also

[module_energy_server()]
Other modules: [module_about_ui\(\)](#), [module_dose_server\(\)](#), [module_dose_ui\(\)](#), [module_energy_server\(\)](#), [module_import_server\(\)](#), [module_import_ui\(\)](#), [module_settings_server\(\)](#), [module_settings_ui\(\)](#)

module_import_server	<i>Import Server</i>
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Description

Import Server

Usage

```
module_import_server(input, output, session, user_data, user_settings)
```

Arguments

input	provided by Shiny .
output	provided by Shiny .
session	provided by Shiny .
user_data	a [shiny::reactiveValues()] list with the following elements: "code", "names" and "raw".
user_settings	a [shiny::reactiveValues()] list.

See Also

[module_import_ui()]

Other modules: [module_about_ui\(\)](#), [module_dose_server\(\)](#), [module_dose_ui\(\)](#), [module_energy_server\(\)](#), [module_energy_ui\(\)](#), [module_import_ui\(\)](#), [module_settings_server\(\)](#), [module_settings_ui\(\)](#)

module_import_ui	<i>Import UI</i>
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Description

Import UI

Usage

```
module_import_ui(id)
```

Arguments

id	A ['character'] vector to be used for the namespace.
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See Also

[module_import_server()]

Other modules: [module_about_ui\(\)](#), [module_dose_server\(\)](#), [module_dose_ui\(\)](#), [module_energy_server\(\)](#), [module_energy_ui\(\)](#), [module_import_server\(\)](#), [module_settings_server\(\)](#), [module_settings_ui\(\)](#)

module_settings_server	
	<i>Settings Server</i>

Description

Settings Server

Usage

```
module_settings_server(input, output, session, user_settings)
```

Arguments

input	provided by Shiny .
output	provided by Shiny .
session	provided by Shiny .
user_settings	a [shiny::reactiveValues()] list.

See Also

[module_settings_ui()]

Other modules: [module_about_ui\(\)](#), [module_dose_server\(\)](#), [module_dose_ui\(\)](#), [module_energy_server\(\)](#), [module_energy_ui\(\)](#), [module_import_server\(\)](#), [module_import_ui\(\)](#), [module_settings_ui\(\)](#)

module_settings_ui	<i>Settings UI</i>
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Description

Settings UI

Usage

```
module_settings_ui(id)
```

Arguments

id	A ['character'] vector to be used for the namespace.
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See Also

[module_settings_server()]

Other modules: [module_about_ui\(\)](#), [module_dose_server\(\)](#), [module_dose_ui\(\)](#), [module_energy_server\(\)](#), [module_energy_ui\(\)](#), [module_import_server\(\)](#), [module_import_ui\(\)](#), [module_settings_server\(\)](#)

run_app

*Run a Shiny App***Description**

A wrapper for [shiny::shinyAppDir()].

Usage

```
run_app(app = c("doserate", "calibration"), browser = TRUE, display = "auto")

launch_app(
  app = c("doserate", "calibration"),
  browser = TRUE,
  display = "auto"
)
```

Arguments

app	A [<code>'character'</code>] string specifying the Shiny application to run. It must be one of <code>"doserate"</code> or <code>"calibration"</code> (see details). Any unambiguous substring can be given.
browser	A [<code>'logical'</code>] scalar: should the app be run in the browser?
display	A [<code>'character'</code>] string specifying the mode in which to display the application (see [shiny::runApp()]).

Details

Application name	**Keyword**
Dose rate estimation	<code>'doserate'</code>
Calibration curve builder	<code>'calibration'</code>

Value

A **shiny** application object.

Note

Usefull presets for the energy scale calibration:

Channel	Energy (keV)
76	238.63
465	1460.82

830 2614.51

Author(s)

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Examples

```
## Not run:  
run_app("doseate")  
run_app("calibration")  
  
## End(Not run)
```

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