Package 'iTReX'

September 15, 2022

22 23 33 44 44 55 55

2 check_testnames

record_test		•	•	•	•					•			•	•					
run																			
show_system_deps																			
test																			
test_and_update .																			
test_github																			
update_tests																			
version																			

build_manuals

Build manuals (including vignettes) in the working copy.

Description

Build manuals (including vignettes) in the working copy.

Usage

Index

```
build_manuals(pkg = getwd())
```

Arguments

pkg

The directory holding the working copy.

check_testnames

Check test names against pattern.

Description

Check test names against pattern.

Usage

```
check_testnames(pkg = getwd())
```

Arguments

pkg

The directory holding the working copy.

```
clean_and_convert_layout
```

Convert layout from old to new format. Can be safely applied to new layouts.

Description

Convert layout from old to new format. Can be safely applied to new layouts.

Usage

```
clean_and_convert_layout(df, is_demo = FALSE)
```

Arguments

df A data frame.

is_demo Whether to apply further normalization to minimize entries.

compute_dss

Compute a Drug Sensitivity Score (DSS)

Description

Compute a Drug Sensitivity Score (DSS)

Usage

```
compute_dss(
  pars_table,
  resp_min = 10,
  score_type = 3,
  conc_scale_unused = 1e-09,
  apply_log_to_conc = TRUE,
  curve = NA,
  force_symm = FALSE,
  resp_max = 100,
  bottom_corr = TRUE,
  allow_big_mid = FALSE,
  int_decreasing = FALSE,
  allow_nan = TRUE
)
```

Arguments

```
pars_table can be a data.frame of (in that order!)
resp_min TODO
score_type TODO
conc_scale_unused
TODO
```

4 prepare

```
apply_log_to_conc
TODO

curve TODO

force_symm TODO

resp_max TODO

bottom_corr TODO

allow_big_mid TODO

int_decreasing TODO

allow_nan TODO
```

debug_save

Save arguments in rds files named after arguments.

Description

Save arguments in rds files named after arguments.

Usage

```
debug_save(...)
```

Arguments

... Variables to be saved (not quoted).

prepare

Prepare working copy for commit.

Description

Prepare working copy for commit.

Usage

```
prepare(pkg = getwd(), manual = TRUE)
```

Arguments

pkg The directory holding the working copy.

manual Whether to run build_manuals().

prepare_demos 5

prepare_demos

Prepare demo data (xlsx and zip) in the working copy.

Description

Prepare demo data (xlsx and zip) in the working copy.

Usage

```
prepare_demos(pkg = getwd())
```

Arguments

pkg

The directory holding the working copy.

prep_and_check

Prepare and check iTReX in the working copy.

Description

Prepare and check iTReX in the working copy.

Usage

```
prep_and_check(pkg = getwd(), strict = FALSE)
```

Arguments

pkg

The directory holding the working copy.

strict

Whether to check for CRAN and BioConductor compatibility.

record_test

Record a new test and store it in the working copy.

Description

Record a new test and store it in the working copy.

Usage

```
record_test(pkg = getwd())
```

Arguments

pkg

The directory holding the working copy.

6 test

run

Run iTReX Shiny app

Description

Run iTReX Shiny app

Usage

```
run(test.mode = FALSE)
```

Arguments

test.mode

Whether to run the application in test mode.

show_system_deps

Generate system dependencies for README.md

Description

Generate system dependencies for README.md

Usage

```
show_system_deps(pkg = getwd())
```

Arguments

pkg

The directory holding the working copy.

test

Run iTReX tests

Description

Run iTReX tests

Usage

```
test(testnames = NULL, quiet = FALSE, url = NULL)
```

Arguments

url URL of test-mode Shiny instance to connect to. Requires a customized shinytest

instance as of shinytest v1.5.1.

Examples

```
test(testnames = c("tabs_home"))
```

test_and_update 7

 $test_and_update$

Run (and update) tests in the working copy.

Description

Run (and update) tests in the working copy.

Usage

```
test_and_update(..., pkg = getwd())
```

Arguments

Parameters (such as testnames) passed to shinytest::testApp().

The directory holding the working copy.

test_github

Install from GitHub and test

Description

Install from GitHub and test

Usage

```
test_github()
```

update_tests

Update test-expected in the working copy.

Description

Update test-expected in the working copy.

Usage

```
update_tests(..., pkg = getwd())
```

Arguments

```
... Parameters passed to shinytest::snapshotUpdate().
```

pkg The directory holding the working copy.

8 version

version

Report iTReX version

Description

Report iTReX version

Usage

```
version(long = FALSE)
```

Arguments

long

Whether to print the full version string with git commit hash.

Examples

```
version()
version(long = TRUE)
```

Index

```
build_manuals, 2
build_manuals(), 4
check_testnames, 2
{\tt clean\_and\_convert\_layout, 3}
compute_dss, 3
debug_save, 4
prep_and_check, 5
prepare, 4
prepare_demos, 5
record_test, 5
run, 6
shinytest::snapshotUpdate(), 7
shinytest::testApp(), 6, 7
\verb|show_system_deps|, 6
test, 6
test\_and\_update, 7
test\_github, 7
update\_tests, 7
version, 8
```