R PACKAGE DEVELOPMENT AND VALIDATION

{valtools}

Welcome

- How to install valtools
- What is valtools
- How to improve valtools

INSTALLATION

```
remotes::install_github(
"phuse-org/valtools",
build_vignettes = TRUE)
```

VALTOOLS

valtools

- Useful tools for automating the validation of R packages

- Derives concepts from {usethis} and {devtools}

- "vt_" prefix to help find and identify valtools functions

File Creation – vt_use_*

- vt_use_validation()

- vt_use_req(), vt_use_test_case(), vt_use_test_code()

- vt_use_change_log()

- vt_use_report()

Data Scraping & formatting – vt_scrape_* & vt_kable_*

- vt_scrape_sig_table()
- vt_scrape_val_env()
- vt_scrape_change_log()
- vt_scrape_coverage_matrix()
- vt_scrape_function_editors()
- vt_scrape_requirement_editors()
- vt_scrape_test_case_editors()
- vt_scrape_test_code_editors()
- vt_scrape_risk_assessment()
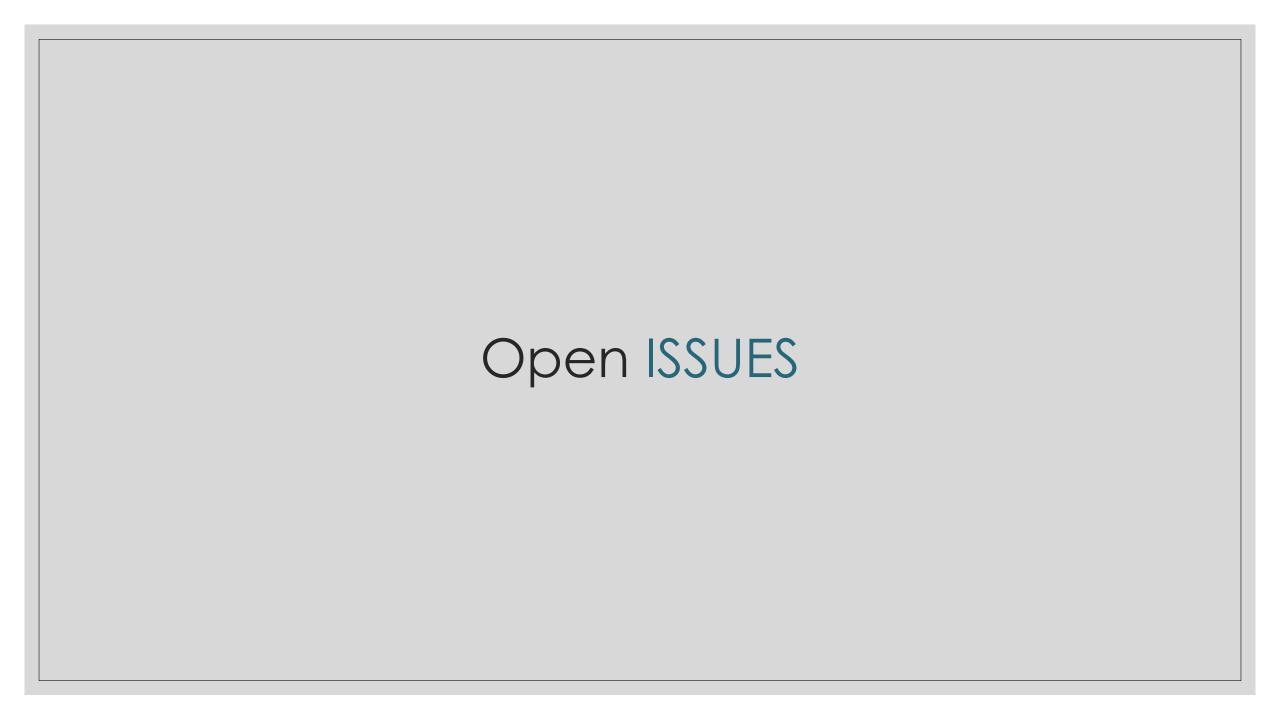
Validation Report Helpers

- vt_path()
- vt_file()
- vt_get_child_files()

Validation runners

- vt_validate_report()
- vt_validate_source()
- vt_validate_build()
- vt_validate_install()
- vt_validate_installed_package()

CONSTRUCTION ZONE

Open ISSUES

Open Pull Requests