
travis – continuous integration

- ▶ Similar to BioC build report: virtual machines are set up to build and check the package.
- ▶ Pros:
 - ▶ Free, only requires a GitHub account authorisation.
 - ▶ No pre-install R packages.
- ▶ Cons:
 - ▶ Servers running R does not support Windows (appveyor supposed to fix this, but it is more buggy)
 - ▶ Only has released version of R, i.e. clashes with BioC.

covr

- ▶ Works with testthat.
- ▶ Imagine you have 10 lines of code with a `if` statement:
 - ▶ Case A and B both occupy 5 lines of code.
 - ▶ You wrote a test file that only tested case A.
 - ▶ Then your code has a coverage of 50%.
- ▶ The game is to have high coverage so that every parts of your package is tested to be robust and functional.