

Debugging Tools in R

The primary tools for debugging functions in R are

- `traceback`: prints out the function call stack after an error occurs; does nothing if there's no error
- `debug`: flags a function for “debug” mode which allows you to step through execution of a function one line at a time
- `browser`: suspends the execution of a function wherever it is called and puts the function in debug mode
- `trace`: allows you to insert debugging code into a function at specific places
- `recover`: allows you to modify the error behavior so that you can browse the function call stack

These are interactive tools specifically designed to allow you to pick through a function. There's also the more blunt technique of inserting `print`/`cat` statements in the function.