

How to run programs written with
unsafe programming languages?

Fortify Source Functions

- ➔ GCC macro `FORTIFY_SOURCE` provides buffer overflow checks for unsafe C libraries

`memcpy, mempcpy, memmove, memset, strcpy, stpcpy, strncpy, strcat, strncat, sprintf, vsprintf, snprintf, vsnprintf, gets`

Checks are performed

- some at compile time (compiler warnings)
- other at run time (code dynamically added to binary)