

Error handling

- Version 1: Erel Segal-Halevi

Error handling *(folder 9)*

	Exception	Assert
Used during:	Normal run	Development
Used for:	Handling exceptional conditions.	Spotting internal errors and bugs.
Disabling:	No	With compiler flag

Unit testing

- Many frameworks.
- You saw **GTest**.
- Another option: **doctest** (folder 8).

Finding memory leaks *(folder 7)*

Basic check:

- `sudo apt install valgrind`
- `valgrind --tool=memcheck ./a.out`

Detailed check:

- `valgrind --tool=memcheck
-v --leak-check=full --show-leak-kinds=all
./a.out`

Only the bottom line:

- `valgrind --tool=memcheck ./a.out
2>&1 | grep "lost"`