

# 3. Pitfalls

*Pieter P*

- No C-style casts
  - No unions
  - Signed integer overflow
  - Unsigned integer overflow
  - Dangling pointers (parameter arguments)
  - No micro-optimizations, measure!
  - Unit testing
  - Sanitizers
  - Valgrind
  - Layers of correctness, logic errors and security
-