

## #10: Write Clean Code

### The guideline

#### Do:

- Write clean code

#### By:

- Avoiding code smells
- Not leaving smelly code behind

#### Because clean code:

- Is more maintainable
- Is less confusing than unhygienic code

## Guideline 10: Write Clean Code

### Seven 'Boy Scout rules'

1. Leave no **unit level code smells** behind
2. Leave no **bad comments** behind
3. Leave no **code in comments** behind
4. Leave no **dead code** behind
5. Leave no **long identifiers** behind
6. Leave no **magic constants** behind
7. Leave no **badly handled exceptions** behind

## Guideline 10: Write Clean Code

### How-to

1. Leave no **unit level code smells** behind
  2. Leave no **bad comments** behind
  3. Leave no **code in comments** behind
  4. Leave no **dead code** behind
  5. Leave no **long identifiers** behind
  6. Leave no **magic constants** behind
  7. Leave no **badly handled exceptions** behind
1. Measure your units and refactor where needed
  2. Delete worthless comments
  3. Delete code in comments and revert when needed
  4. Delete unreachable code, and unused private methods
  5. Use conventions, and limit the length of identifiers
  6. Extract magic constants to a global context
  7. Catch all exceptions, catch specific exception, and translate specific exceptions to general messages for the end-user