

13 principles in clean code

These principles help create code that's easy to work with and understand.

1. **SOLID Principles:**

Make classes and modules easy to change and extend.

2. **KISS (Keep It Simple, Stupid):**

Keep things simple, avoid overcomplicating.

3. **YAGNI (You Aren't Gonna Need It):**

Don't add stuff until you really need it.

4. **Do One Thing:**

Functions and classes should have one clear purpose.

5. **DRY (Don't Repeat Yourself):**

Avoid duplicating code, centralize common parts.

6. **Small Functions:**

Keep functions short and focused.

7. **Meaningful Names:**

Use clear names for things to understand code quickly.

8. **Fewer Function Arguments:**

Try to keep the number of arguments low.

9. Avoid Side Effects:

Minimize unexpected behavior from functions.

10. Clear Comments:

Write code that makes sense without too many comments.

11. Consistent Formatting:

Keep code tidy with a consistent style.

12. Graceful Error Handling:

Handle errors well and give clear messages.

13. Write Tests:

Test code to ensure it works as intended.