

HOW TO ACHIEVE CLEAN CODE

What is Clean as You Code?

Clean as You Code from Sonar is a methodology that progressively improves the quality of the entire codebase with minimal cost and effort. This approach is essential for achieving and sustaining Clean Code and is an integral part of the development process. It enables developers and organizations to focus on a single principle: in the future, all new code (meaning code added or changed) must be clean, i.e. free of any issues.

Option 1: All-in

Here are the steps to implement CaYC for a project, a group of projects, or a team. They should be done in order with the first step considered as mandatory.

1. Get executive commitment

- All future code will be clean. Add a quality gate to ship code.

2. Verify code

- Add Sonar analysis to the CI pipeline. It should run at least periodically on the main branch. Ideally, it will run on every change and pull request. Align New Code definition with the SDLC.

3. Equip developers to identify and fix problems while coding

- Add SonarLint to developer IDEs. Enable connected mode.

Not ready to commit to All-in?

Option 2: Incremental

In this approach, opt-in is gradual with a later commitment as the project or organization adjusts to the new expectations. The early steps can happen in any order; some value is gained with any adoption, yet true success depends upon implementing the final step.

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- All future code will be clean. Add a quality gate to ship code.

Clean as You Code continuously reinforces Clean Code best practices embedded within the development workflow so that developers can clearly understand issues, deliver with expediency, and avoid complications.

Start reaching your Clean Code goals today with Clean As You Code.