

Alternative Path

- defensive coding
- test the whole stack
- use CI/CD
- use static analysis tools
- use linters

Use engineering good practices

- use version control
- use code reviews
- write documentation
- refactor regularly

Strong typing is no option

What does it bring ?

- catch errors early
 - good for libraries users
 - good for team developpers
- make the code more maintainable

Coding Standards

- no global variables
- no single letter variable names
- no hardcoded values
- use meaningful names
- write comments and **doc** strings
- add **doc** string to instance variables too
- lint the code on save

Network

- Goal: satisfy GDPR laws (General Data Protection Regulation)
- implemented a network server/clients
- delta encoding to minimize data transfer