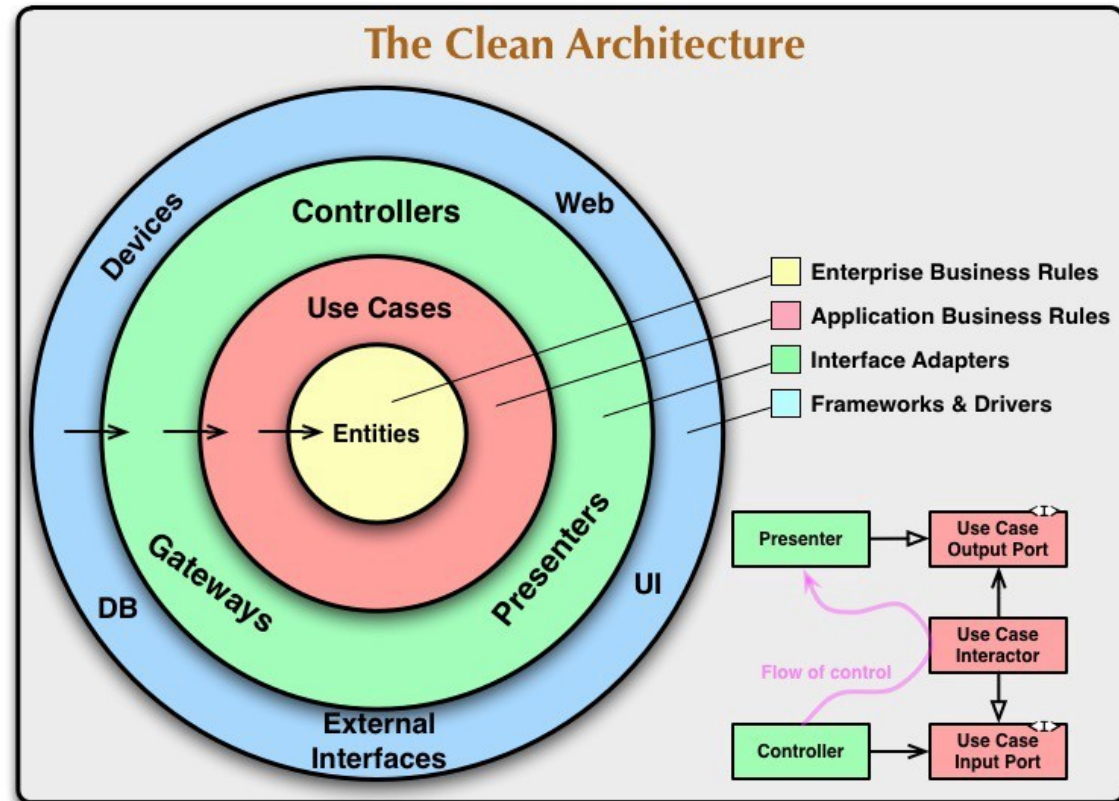# Clean architecture

CPE Tech Talk - 1st March 2021
Michal Konečný

Robert C. Martin
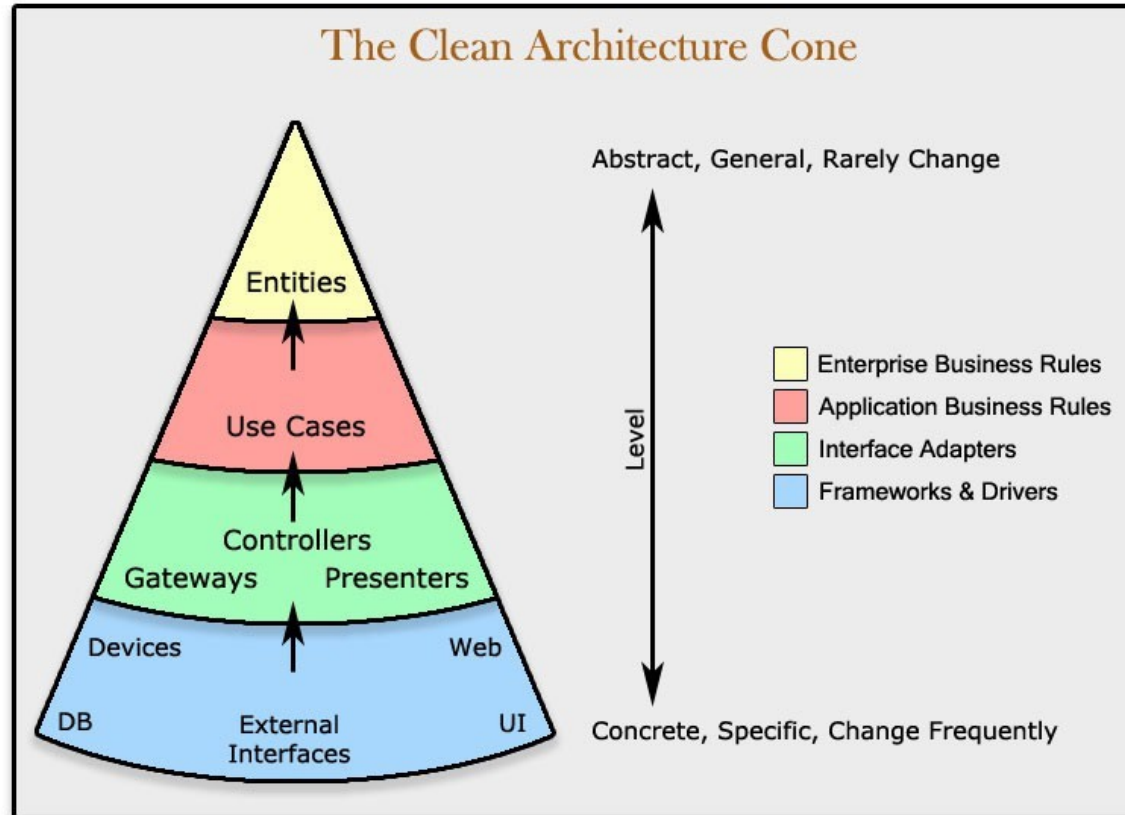
- "Uncle Bob" Martin
- Wikipedia

What is the Clean Architecture?

What is the Clean Architecture?

The Clean Architecture Cone

Clean Architecture in Python

- Layer communication through Requests and Responses
- Abstract Classes inherited by outer layers
- No third party libraries except for external interfaces

Pros and Cons

Pros

- Long term maintenance is easier
- Interchangeability of external services
- Customer oriented (use cases)
- Modularity

Cons

- Slower development
- If the core design is changed, it's more complicated to do the changes
- Need to keep dependency injection in mind

References

- A quick introduction to clean architecture
- The Clean Architecture – The Clean Code blog
- The-new-hotness – Clean Architecture design
- Robert C. Martin - Wikipedia