

Design Pattern & Clean Code

Refactor PdfTools

Thomas Ley | @CleanCodeCoach

Refactoring PdfTools

- Written without any design
- Some pdf and qrcode features
- Download of files
- Concatenate files.

Issues in PdfTools

- Duplicate code
- Un-testable
- No [SRP]
- Hard to extend
- Hard to reuse components.

Demo "PdfTools"

Challenge

- How do I clean up brownfield projects?
- Without rewriting them?
- Without breaking them?
- Where do I start?