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# **General Notes**

### Summary

This is a collection of personal notes on various design/architectural patterns, application/feature design and much more. Feel free to use as you like but remember Buddy is watching you.



### Sources and References

- Software design patterns
- Design Patterns: Elements of Reusable Object-Oriented Software
- SOA Patterns
- UML: A Beginner's Guide
- Service Design Patterns: Fundamental Design Solutions for SOAP/WSDL and RESTful Web Services
- Applying Use Cases: A Practical Guide
- Code Craft: The Practice of Writing Excellent Code
- CQRS, The example
- The Pragmatic Programmer: From Journeyman to Master
- Dependency Injection in .NET
- Event Processing in Action
- Building Microservices: Designing Fine-Grained Systems

# **Suggested Topics**

- Actor Model
- Software development philosophies

# **Suggested Design Topics**

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- Scheduling / Calendaring
- Notifications / Messaging
- Complex Business Events
- Search, Filter, Sort and Page
- Modular Components
- Reuseable Design
- Dependency Injection
- Software Testing
  - Unit
  - Module
  - Integration
  - o System
  - Automation