

Decomposition

information

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Information Hiding

- Decompose by "***likely changes***" not data flow
- Based on 1972 paper by David L Parnas "On the Criteria To Be Used in Decomposing Systems into Modules"
- Information Hiding **is not** putting a Single Responsibility in a module
- Changes are localized to a single module
- Interfaces remain stable
- Hidden information can still be complex business logic

What Are Formal Methods?

Discrete Math!