





- About 50% of the total cost of a system is spent on maintenance tasks
 Yes, bug fixing, but also (and more importantly) extensions and modifications to the system
- Having the foresight to encapsulate what varies simplifies maintenance tasks and reduces overall costs
 - Your system will change, so design it to accommodate foreseeable changes
 - Your clients are far better experts at noticing what might change than you!
- Design your system so that it can learn and mature easily
 - Flexibility in uncertain areas
 - Simplicity in agreed/constant areas
- Document your designs to facilitate comprehension
- Using the right vocabulary is very beneficial

 Spending hours understanding a module vs. reading a comment that explains it implements the Visitor pattern

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