PROMPT Software Testing

Test Design at Integration and System Level

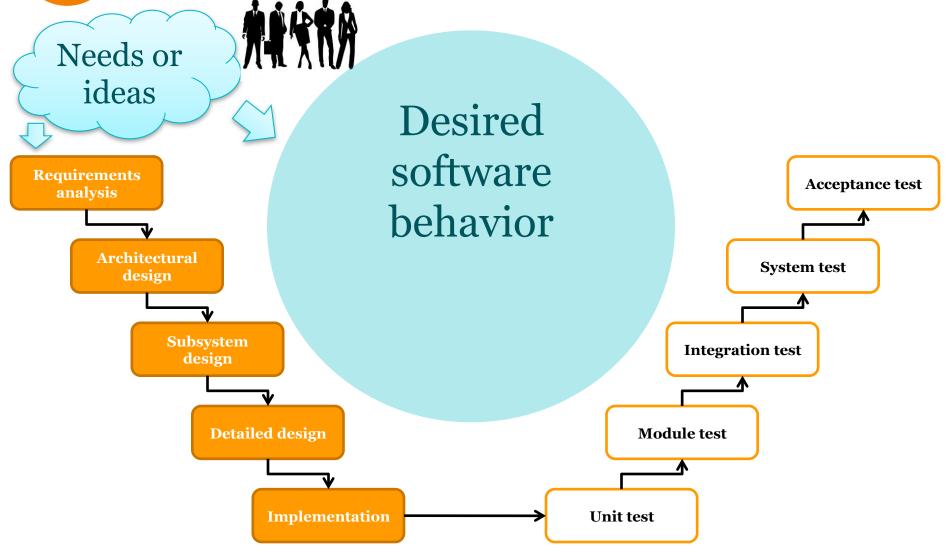






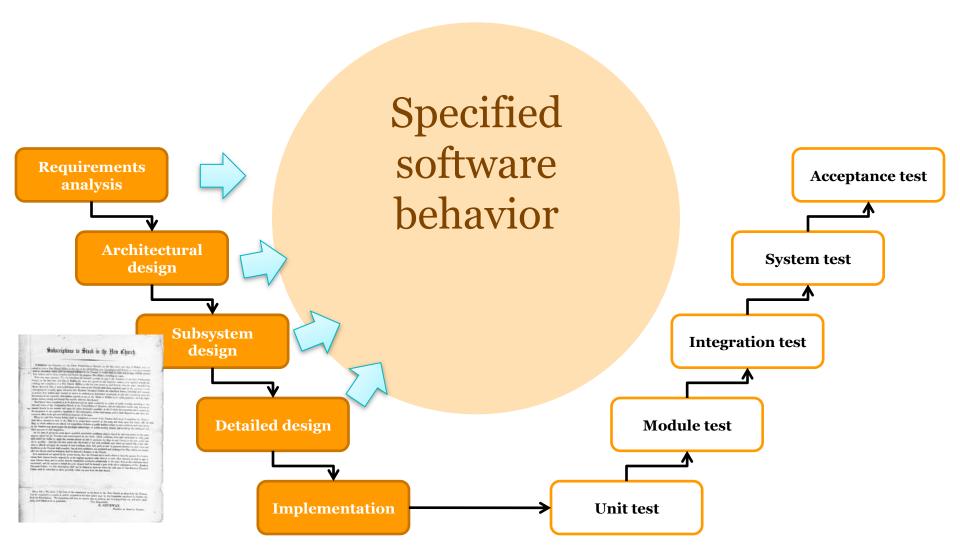


Software Behavior



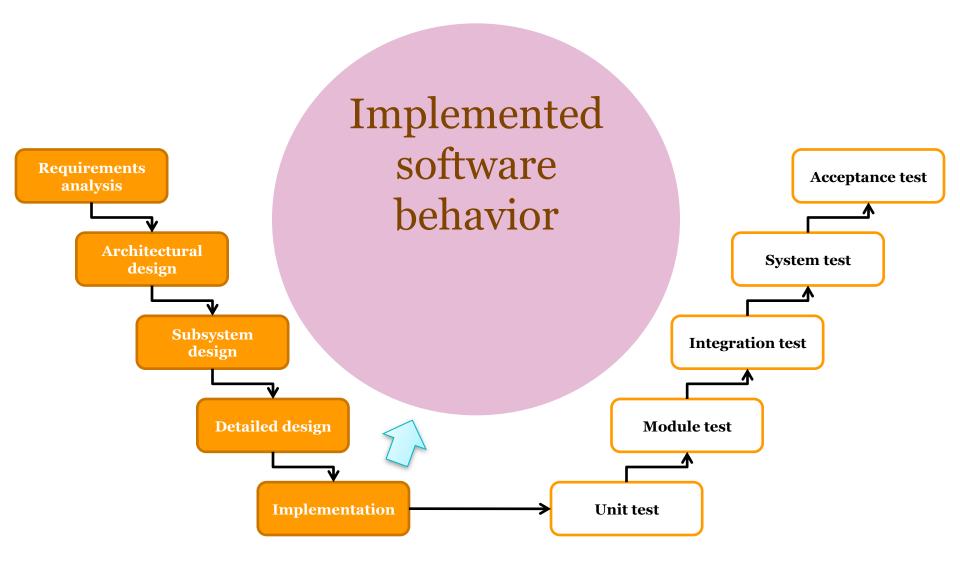


Software Behavior

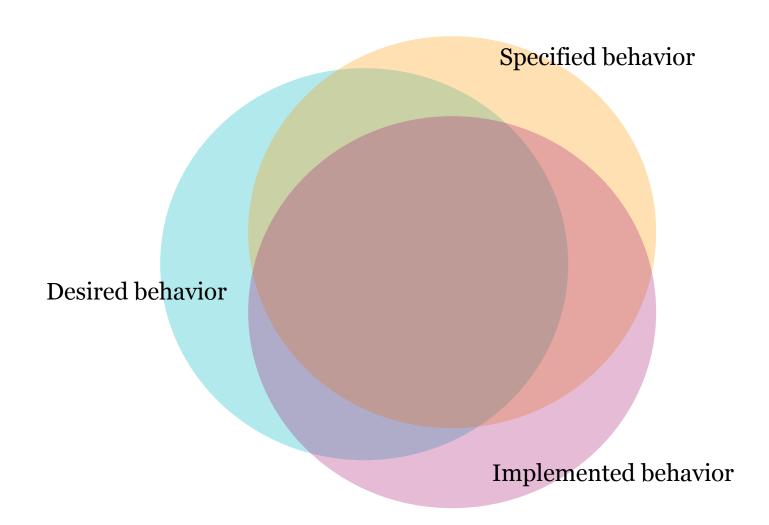




Software Behavior

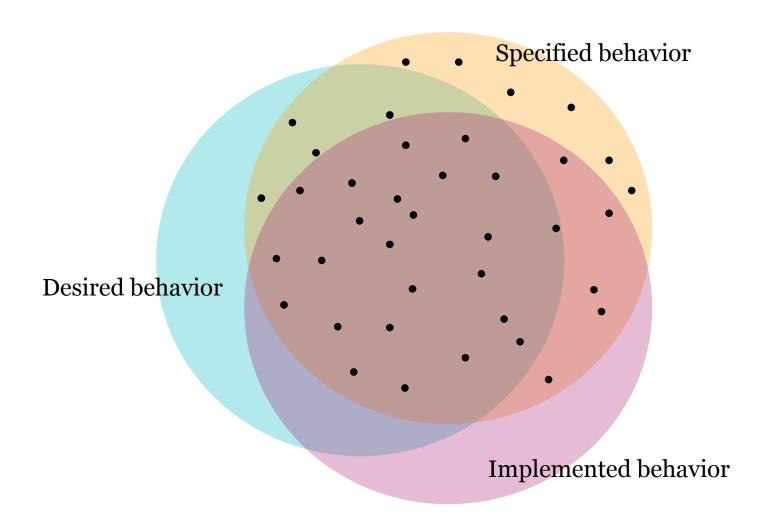






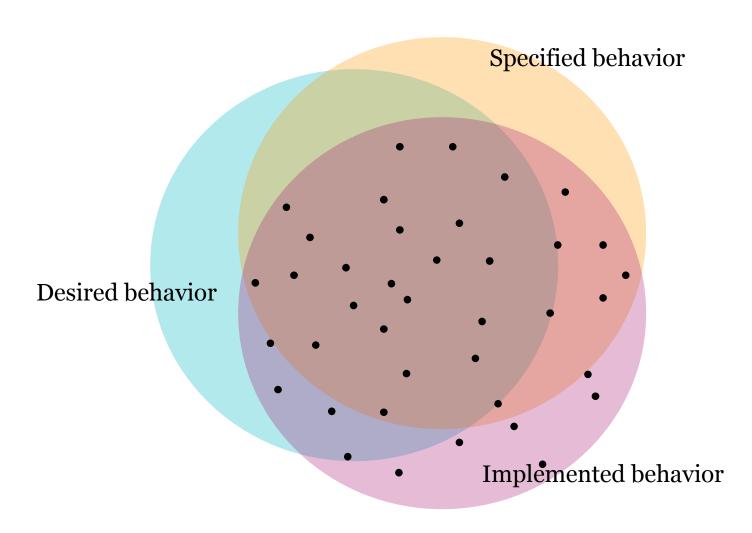


Specification-based testing



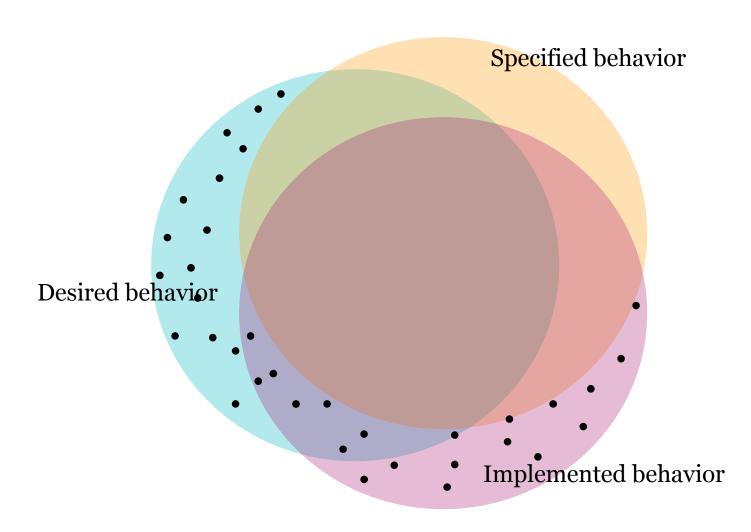


Implementation-based testing



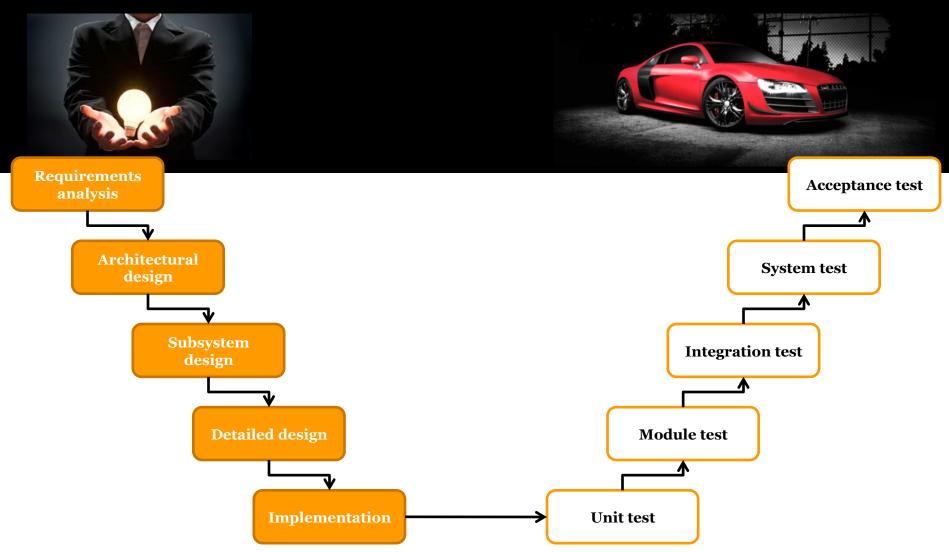


Negative testing





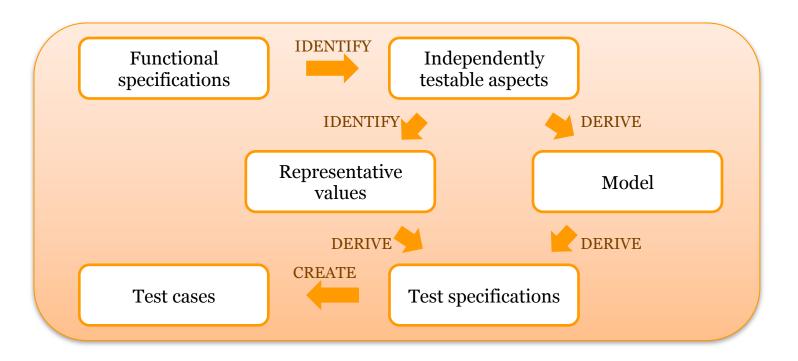
Test Design and Levels of Integration





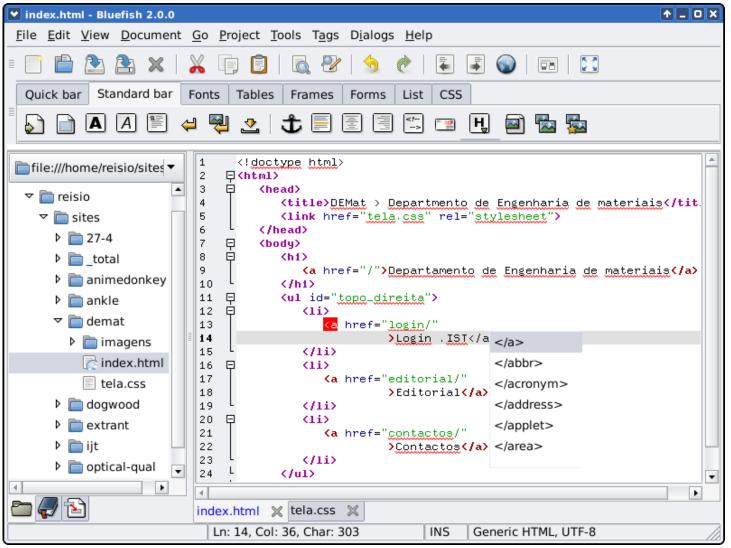
Specification-Based Testing

Adapted from "Software Testing and Analysis", (Pezzè and Young), and Saarland University course on Software Testing (Fraser and Zeller)



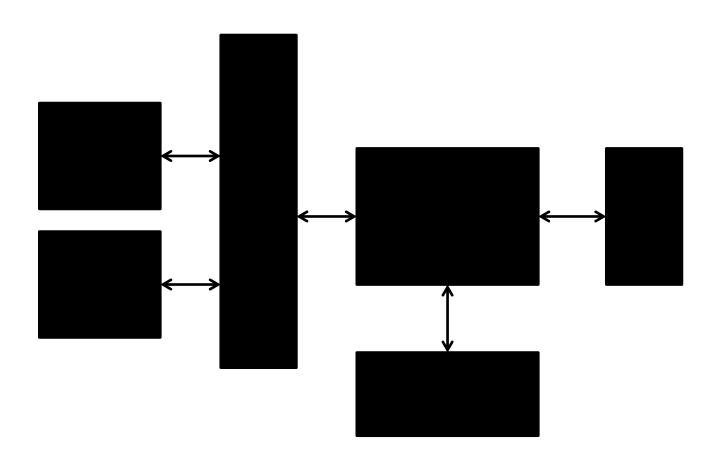


Implementation-Based Testing



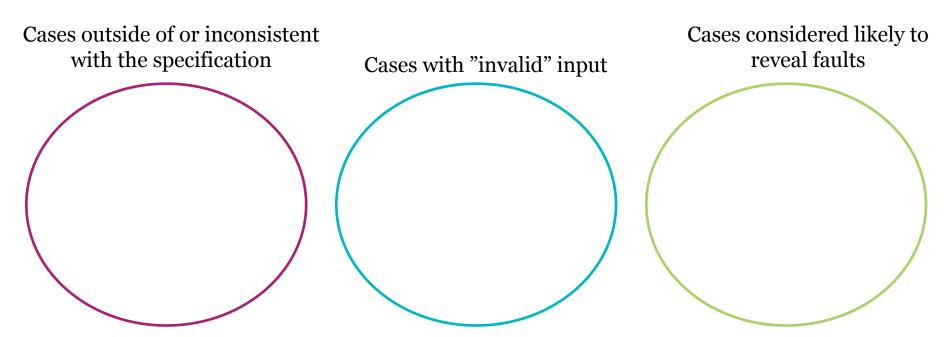


Implementation-Based Testing



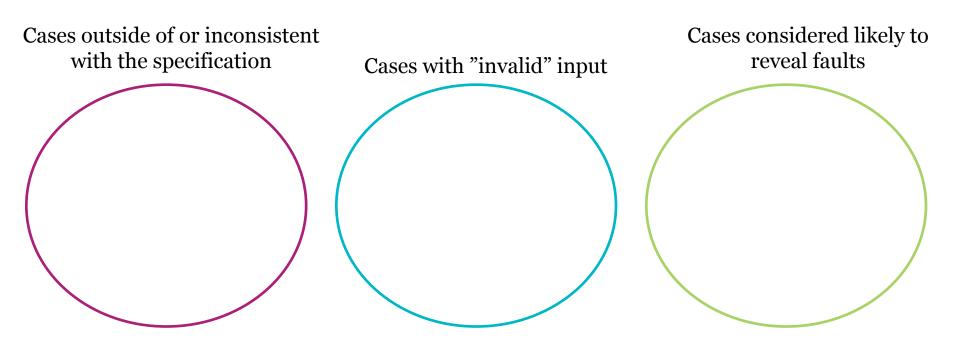


Negative Testing





Negative Testing



Robustness Testing



Assignment

Test Design at Integration and System Level

- Applying
 - Specification-based testing
 - Implementation-based testing
 - Negative testing
- •...at integration- or system-level
- •...in your own industrial context

For more information, see assignment instructions