

Step 1

use a Version Control System (VCS)

- checkout files
- checkpoint tools

Step 2

SW coding standard

Step 3 - Code inspections

Step 4 - Quiet environment

Eliminate interruptions & Prioritized task list

CH 3 - DON'T WRITE BIG PROGRAMS

Underestimate complexity

SW has so many states

unpredictable - non-continuous



Partitioning - threads, hw, μP

BOOK: Mythical Man Month, Frederick Brooks

4 suggestions

- Don't write software - buy it!
- Prototyping: customers don't know what they want
- Grow software: build incrementally
- Hire great designers