

I - Process Capture

- ⇒ What are two types of process analysis? How do they differ? What are their benefits?
- ⇒ What are the two end points of the process capture spectrum?
- ⇒ What are events and event intervals?
- ⇒ What are the different types of intervals?
- ⇒ What are the different types of events?

II - Process Architecture

It is easy to get bogged down in details. Concentrate on the main root causes, the drivers, and the counter measures. The symptoms are helpful to understand the root causes,

- ⇒ What is the context for the architectural work?
- ⇒ What are the main phenomena exhibited in the big picture?
- ⇒ What do the big picture observations tell you about the process system?
- ⇒ What are the root causes of the process architectural problems?
- ⇒ What are the primary and secondary drivers?

III - Process Architecture

- ⇒ What countermeasures are there for these drivers?
 - ↳ Which drivers are addressed?
 - ↳ How achievable do you think the countermeasures are?
- ⇒ What are the architectural principles derived from this study and the analysis and visualization study?

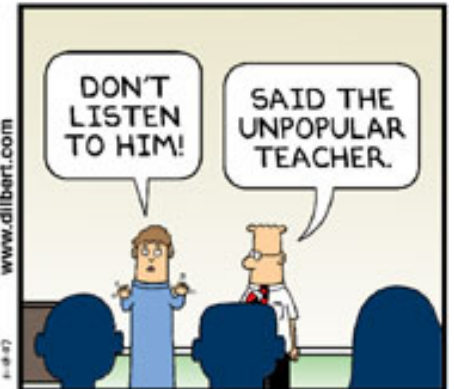
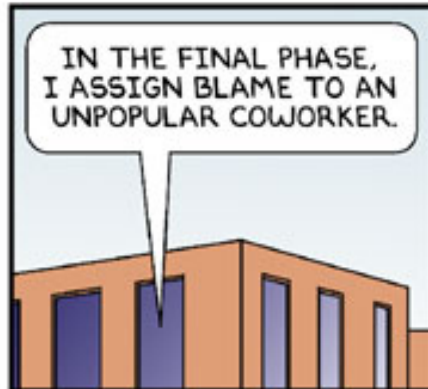
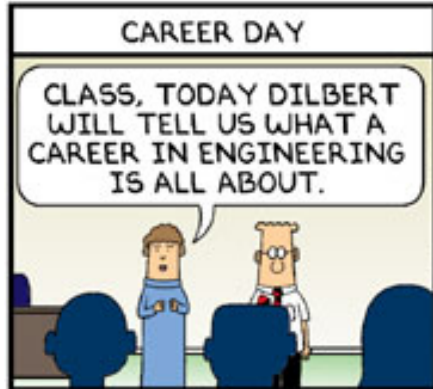
IV - Process Analysis and Visualization

- ⇒ 5ESS had structured process documentation - the basic interface descriptions for the processes and subprocesses were cut and pasted from those documents.
- ⇒ What information is described in the interface spec?
- ⇒ What were the problems encountered in the characterization of the process artifacts?
- ⇒ What were the problems encountered in the various source and sink descriptions?
- ⇒ What intuitions can be gleaned from the visualizations?
- ⇒ What were the different kinds of architectural relationships amount (sub)processes?

V - Process Analysis and Visualization

- ⇒ What does the dependency tree tell you where virtually all the trees look like this?
- ⇒ What do the interface errors mean about the dependencies among processes and subprocesses?
- ⇒ What does the analysis summary tell you about the process system? What would have happened if our products had the same kinds of problems?
- ⇒ What does the clustering of processes accomplish? Has it really changed the architecture or just masked the complexity?

Dilbert as an Engineer



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