Table of Contents

Video List

On-going continuous learning 🙂. Once you start on Agile there is no end of learning! See Reading List for books.

Hopper

Completed in 2017

- The Principles of Clean Architecture by Uncle Bob Martin. Good general advice. Message here is "a good architecture allows major decisions to be deferred" (even decisions about what, if any, database to use or what if any framework to use) and that "a good architecture maximizes the decisions not made". This means you should be using a "plugin architecture" so there are clean boundaries for things like "persistence" (which to many means "database" or especially "SQL database" but in reality is just putting stuff away in storage) and "user I/O" (which to many means "Web page" etc but really this is just I/O, but also applies to "SOA interaction, etc) between the business rules that define the application and the various levels of supporting infrastructure. One huge benefit of doing this is that you end up with an application which you can test automatically, quickly and repeatably since you can test all the plug in separately. Looks like:

Completed in 2016

I decided to take a more disciplined approach to tracking videos I've watched as part of on-going following the approach I use for Books. This list is the result of this approach:

- 2016-03-01: Continuous Delivery in a large Enterprise – Transforming Enterprise IT by Henk Kolk (Chief Architect at ING Bank). Message is that starting in 2008, ING decided that all their services are being provided as software and that, in fact they are more a software / technology company than anything else ("software is eating the world"). They moved from a traditional waterfall / mainframe / project management approach and moved to agile / devops / continuous delivery of value mode. They have 180 teams developing software, and now do 1500 deployments / week to production (I think, at least that was the implication).
- 2016-02-19: Second Generation Lean Product Development Flow by Don Reinertsen. As usual a very "dense" pitch with a lot of information. If you want to understand impacts of things like queuing theory, lean, and why variability should be preserved for new product development (hint: Black Scholes option pricing model) then this is the video for you. See My notes for more

information.

Completed in 2015

- 2015-11-17: 10 Reasons Estimation and Planning Fails and What to Do About It by Troy Magennis. Great pitch. Love the basics here, such as "If you are in the non-linear region of utilization for your project (i.e. greater than 80% utilization) then estimation will always fail", "Sometimes you need just enough information to decide what not to do, and perhaps toss a coin for remaining options (if they really are close enough)", "why this project won't finish on time is because of last project - and no amount of estimating is going to help" and the importance of understanding dependencies. Idea that a lot of bad things happen which increase utilization into the "non-linear" zone and so make estimating useless and forecasting difficult.
- 2015-11-12: Introduction to Micro-services by Martin Fowler. Covers definition (or rather characteristics), when they should be used, and relationship to more general SOA discussion.
- 2015-11-12: Agile is Dead - by Dave Thomas. Agile as originally intended is an adjective, not a noun.

Video, Learning, Improvement

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