

Applying Agile Methods to Open Data

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Introduction

- My background
 - Ad Hoc LLC
 - Software engineer
 - PIF/MyUSA/HealthCare.gov

Agile Development

- Agile manifesto
 - Individuals and interactions over processes and tools
 - Working software over comprehensive documentation
 - Customer collaboration over contract negotiation
 - Responding to change over following a plan
- Why?
 - Most software projects fail because of trying to define so much up front.
 - Reality: you don't know what people want.

Lean Startup

- Minimally-viable product (MVP)
- Talk to and observe users
- Iterate and pivot

Government

- Requirements
- Budgeting
- Legal issues
- Public reception/perception

Applying Agile to Open Data

- Focus on the Users
 - Talk and observe them
 - Engage!
 - Challenges, demo days, datapaloozas
 - Outreach and marketing
- Ship early, ship often
 - Versioning
- Progressive engagement
 - Raw data
 - API
 - Applications

Case Study: HealthCare.gov

- QHP plan data
- Open the data
 - Landscape files
- API
 - Second-lowest cost Silver Plan
- Application
 - PET 2.0 (Indv/SHOP)
 - Plan Crosswalk
 - More

Questions/Comments

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