



DITA Migration

Tooling and Architecture

Current tools



- Author in Markdown
- Store files in GitHub
- Maintain docs for all supported product versions
- Localize limited set of docs
- Love us some waterfalls

Pros and cons

+

- Matches Engineering toolchain
- Enables pull requests from open source community and Engineering
- Automates publishing

-

- No structure
- No reuse
- Writers waste time formatting
- Merge conflicts
- Limited output formats
- “Built on a sort of rickety, rube goldbergian backend that only one team member built and managed”

Tool selection

Determined requirements



- Mac compatible
- Manage branches
- Avoid merge conflicts
- Automate publishing
- Customize output

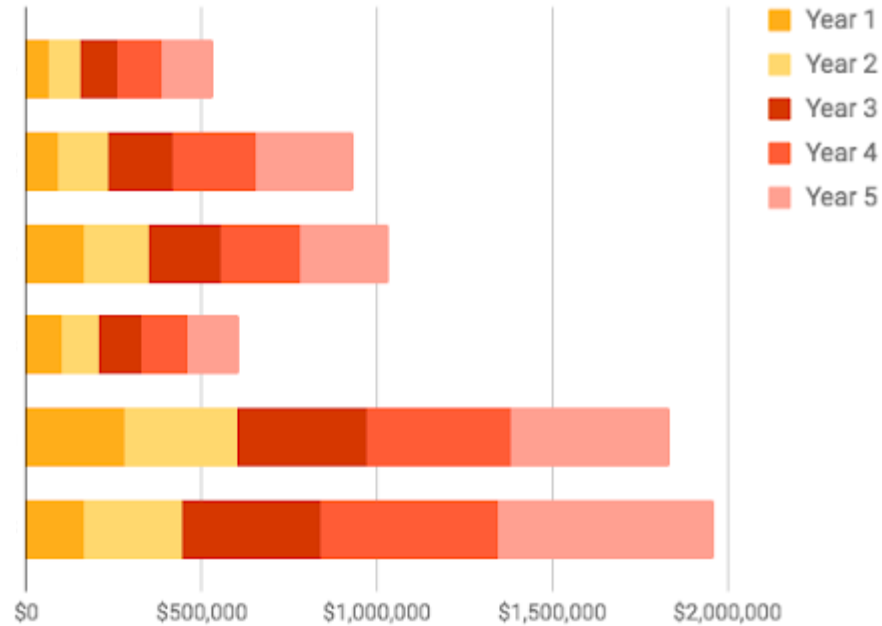
Narrowed field



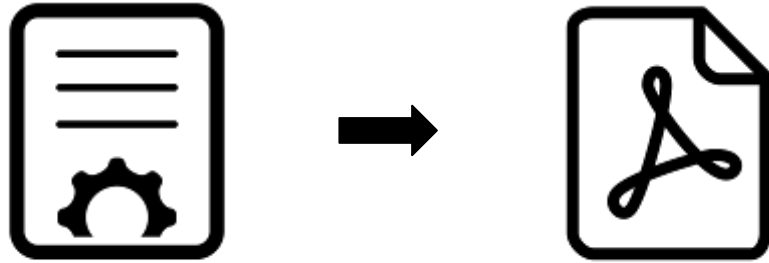
Got demos and pricing



Crunched numbers



Conducted proof of concept



Architecture

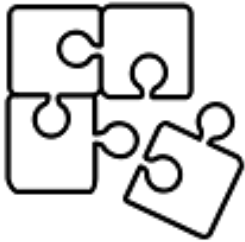
Staffed project



Identified issues

- topic length
- task vs. concept for single commands
- one topic vs. multiple topics on a page
- auto-generated links
- semantic markup for UI
- semantic markup for code
- cmd length
- maps
- comments
- options within steps
- API style
- repository structure
- titles
- images
- conrefs
- conkeyrefs / product and feature names
- mini-TOCs
- file status and workflows
- archiving vs. deleting objects
- versioning and branching
- full-page processes
- tool customizations
- linking
- conditionalizing (next gen)

Researched issues



[Template](#)

Examples



[Maps](#)

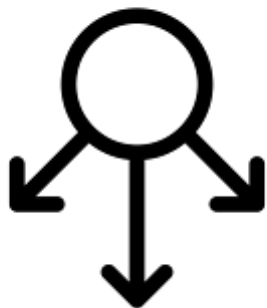


[Code markup](#)

Decided on issues



Transferred decisions to appropriate channels



- [Writing guidelines / training](#)
- [Structure and markup guidelines](#)
- [easyDITA Authoring Guide](#)
- [Output modifications](#)

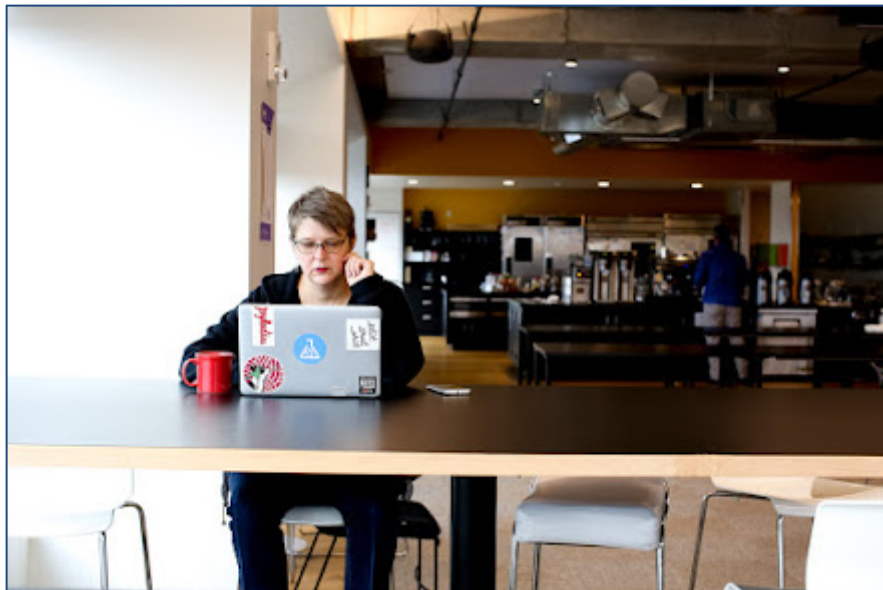
Project status



- Architecture complete
- Auto-migration next week
- Tool training early July
- Cleanup sprint mid-July

Q & A

Contact info



melissa.amos@puppet.com

Image attribution

Flickr

- Multnomah Falls by camknows

The Noun Project

- requirements icon by Davo Sime
- presentation icon by Gregor Cresnar
- money bag icon by Roman Trilo
- CMS icon by Delwar Hossain
- pdf icon by Sergey Demushkin
- staff icon by Roger Cline
- puzzle icon by Akriti Bhusal
- map icon by Adrien Coquet
- code icon by Lloyd Humphreys
- scale icon by Aleksandr Vector
- distribute icon by ChangHoon Baek
- race flag icon by Aldric Rodriguez

