

R&D Report

Marmot Council 2017

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R & D Highlight of Accomplishments

Digital Archive

11 libraries; 26 collections now live; ~22,000 objects

Islandora

Hosted by Marmot

Interface customized for each library

Pika Integration

Explore More Bar in catalog searches

Collection browsing

R & D Highlight of Accomplishments

Discovery Partners

Santa Fe

Smoothest set-up so far

Nashville

Carl.X ILS integration

Anne Arundel

Symphony ILS

Special Projects

Linked Data

Materials Request Enhancement

Fort Lewis Single Sign On

ILS Data Migration for Flatirons

Lafayette and Loveland Public Libraries

Need for Greater Organization

- Optimism/Overcommitment
- Choosing projects with deadlines over ongoing work
- Burnout/Growing backlog
- Need for greater organization (highlighting transparency)

Realigned Responsibilities

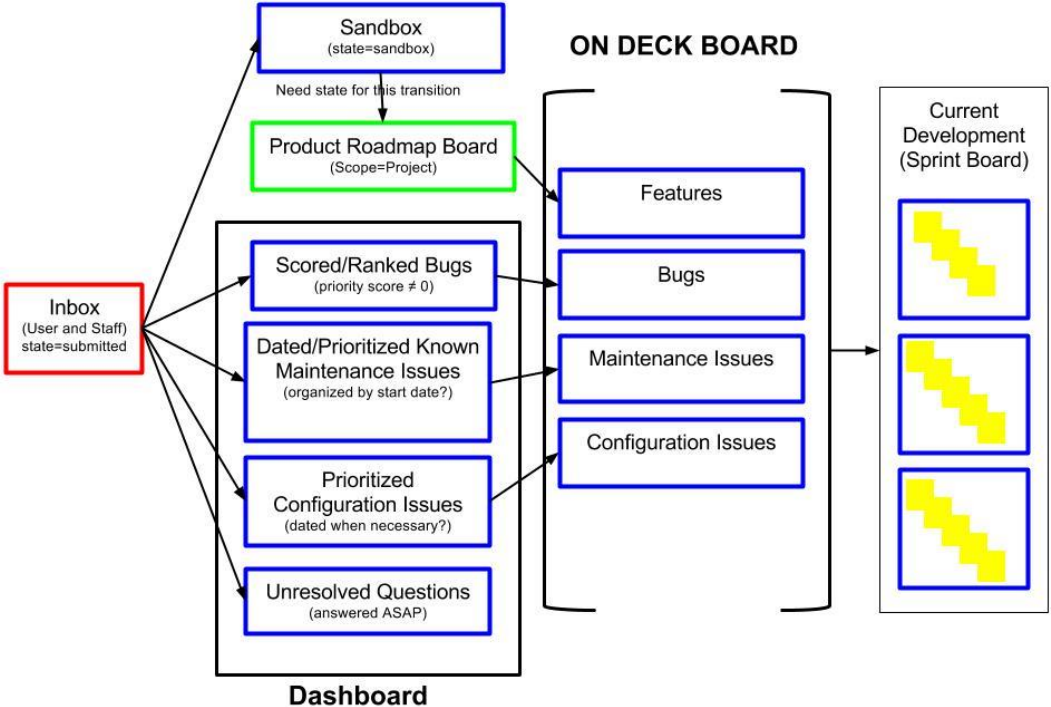
- Looked to successful software teams (SCRUM)
- Looked at models for flatter teams (Reinventing Organizations)
- New Roles
 - Mark as Scrum Master (in addition to Senior Programmer)
 - Pascal as Programmer (more independent projects)
 - Jordan as Product Owner (in addition to archive responsibilities)

Flexible Roadmap

The screenshot displays a software roadmap interface. At the top, there is a navigation bar with tabs for 'Issues', 'Dashboards', 'Agile Boards', 'Reports', and 'Projects', along with a 'Create' button and a 'What's new' link. Below this is a search bar for 'Pika Roadmap' and a filter option 'Filter cards on the board'. A secondary bar shows 'Roadmap' as the selected view, a bar chart icon, and a notification '5 unresolved issues not visible on the board'. The main area is a Kanban board with five columns: 'Long Term' (5 cards), 'Short Term' (4 cards), 'Next Quarter' (1 card), 'Next Release' (3 cards), and 'Current Release' (6 cards). The board contains 19 cards in total. The cards are organized into four rows. The first row includes 'Linked Data Enhancements', 'EDS and Bento Box Integration', 'Optimize the amount of memory used by the indexing process.', 'Garfield Website Migration', and 'CARL.X'. The second row includes 'Sierra APIs', 'E-Content Improvements', '+ Add a card...', 'Clean up Search Bugs', and 'Anne Arundel Discovery Partner Implementation'. The third row includes 'Library Events in Pika', '3rd Discovery Partner Implementation', '2017 Digital Archive Projects', and 'Wake County on Marmot Server'. The fourth row includes 'Help making Large Print its own format so it doesn't group with', 'Arlington Mobile App', '+', and 'Red Book in the Archive'. The board owner is identified as Jordan Fields.

Board owner: [Jordan Fields](#)

New Workflow



Note: Different rectangles signify different YouTrack project types with different fields.

Discovery Meetings

- Everyone on the R&D team presents
- Review Roadmap (what's coming up and potential changes)
- Discuss goals for current and next sprint
- Seeking explicit feedback on changes for Pika functionality

Results

- Better able to anticipate workloads and when work will be completed
- Increased productivity (we've been tracking it)
- More transparency
- Maximized what a 3 person team can do (or come close)

Growing Pika and the Archive

Revised pricing model for Discovery Partners

Revised Archive pricing

Some marketing efforts

Website

Brochure

CALCON/MPLA 2016

2 new Discovery Partners in 2017

Growing Pains

Acceptance of new pricing

Recurring vs. One Time Income

Committed projects

Not able to increase staffing for R&D yet

Growth strategy for 2017 & 2018

Focus on delivering value to existing members

Limit growth to word of mouth and evaluate new prospects carefully

Consider growth of archive both within Colorado and outside Colorado

Plan growth based on when we can hire to increase capacity

Thank You!

