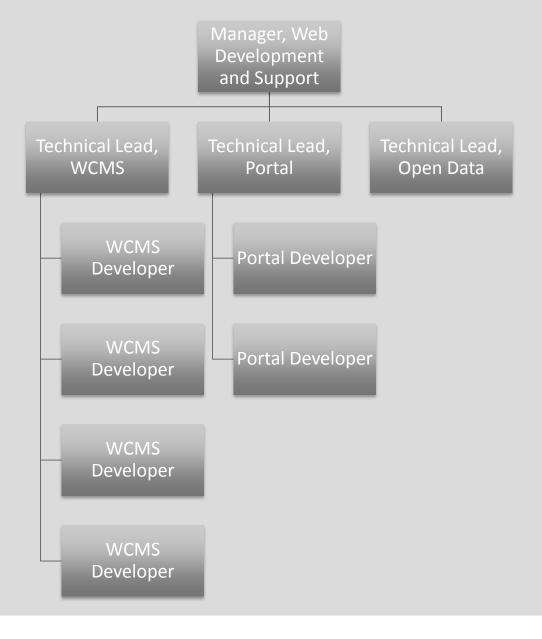
WCMS PRIORITIES

Andrew McAlorum Manager, Web Development and Support Information Systems & Technology University of Waterloo 519-888-4567 x41135 amcalorum@uwaterloo.ca











AGENDA

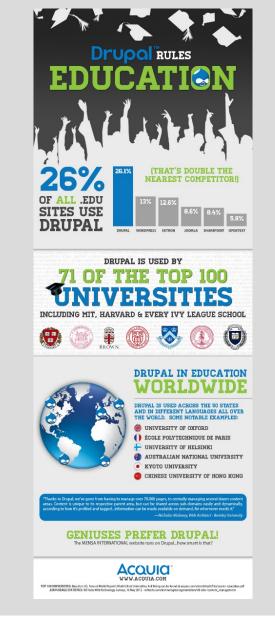
- Backlog
 - » Categorization
 - » Prioritized Requested Features and Functionality
 - » Goals
- Strategy
 - » Agile
 - » Continuous Integration
 - » Development Roadmap
- What we've been up to lately
 - » 1.10 major release
 - » 1.11 major release
 - » Waterloo Magazine
 - » Campus Map
 - » Responsive Redevelopment Project





<u>uwaterloo.ca</u>

- WCMS (Waterloo Content Management System)
 - » The University of Waterloo Drupal distribution
 - » Centrally supported website creation and maintenance tool
 - Single platform for the entire university
 - » Open Source
 - » Modular extensibility
 - » Common Look and Feel
 - » Of the 800 websites on campus, 480 have already been migrated into the WCMS







BACKLOG





IDEATION INITIATIVE

- Piloted with PMG as part of the IT Service Quality Management project
- Improve process for handling new ideas for the WCMS service
- Review backlog of open requests to assess, triage, and implement as appropriate
- Set goals for issue resolution and development milestones
- Communicate priorities more effectively



BACKLOG CATEGORIZATION

- Categorized into:
 - Change
 - Feature requests, small programmatic change requests, etc.
 - Unplanned Change
 - Bugs, break/fix, etc.
 - Project
 - Any change request that could be considered an 'epic' or take multiple sprints
 - Infrastructure
 - Server-side changes, hardware related, etc.
 - Dropped
 - Requests that we were able to close in the process of reviewing because they were already resolved, had a workaround in place client was happy with, was outside of scope, or not feasible.

A	В	С
Category		
Change	131	36.90%
Dropped	109	30.70%
Project	50	14.08%
Infrastructure	35	9.86%
Unplanned	6	1.69%
Bug	24	6.76%
TOTAL	355	



GOALS

- 25% resolved by new fiscal completed » Completed 30%
- 75% by next fiscal
 - » Many backlog items are core requirements of the WCMS Responsive Redevelopment project
 - » Major feature requests prioritized by WAC



PRIORITIZED **REQUESTED FEATURES** AND FUNCTIONALITY

- Ranked by Web Advisory • Committee, to ensure our priorities are aligned with our stakeholders
- Remaining feature requests • from this list scheduled in sprints until October

Completed

- Scheduled content posting/removal (released in 1.10)
- Submit tickets to RT via dashboard (released in 1.10)
- Decimal ordered lists (e.g. 1, 1.1, 1.2, 2) (released in 1.10)
- Site-specific search (released in 1.10)
- File deletion (released 1.9.6)
- Support for LaTeX equations (released 1.9)
- Events calendar (released 1.8)
- <u>Randomized Promotional items</u> (released 1.8)
- Windows 8 "start screen tile" (http://www.buildmypinnedsite.com/) (released 1.8)
- Social media sharing (released 1.7)
- Instagram support for the central social media listing page
- Improve look and feel of Varnish error page that appears when sites are offline
- Twitter card support
- Facebook Open Graph tags support

https://uwaterloo.ca/web-resources/wcms-users/featuresfunctionality/requested

Requested

- As of January 20, 2015. In order of ranking by the Web Advisory Committee.
- 1. Theme redesign with responsive layout
- 2. Integrated accessibility checker
- 3. Cross site content sharing
- 4. Site-specific search (released in 1.10)
- 5. Site-wide search and replace
- 6. Publications capability (online newsletters, magazines etc..)
- 7. Pages and/or sections that require authentication to access
- 8. Create Person content type & clean up Contact and Person Profile content
- 9. Files that require authentication to download/view
- 10. Upgrade campus map to non-flash version (non-Drupal)
- 11. Event registration
- 12. Ability to create stylized Call To Action buttons in a site
- 13. Improve create/manage content page usability
- 14. Locally hosted videos (use case: copyright doesn't allow YouTube)
- 15. 'Facts and figures' style/content type for sidebar content
- 16. Multiple image uploading
- 17. Wide everywhere
- 18. Proper multilingual support
- 19. Pages and/or sections that require authentication to edit
- 20. Additional metadata for search
- 21. Captioned (non-full-width) images
- 22. File renaming (both at upload and at arbitrary times) 23. Content type and functionality for job postings and volunteer opportunities
- 24. Custom blog URLs
- 25. Slideshows/banners on other pages and/or regions
- 26. Ecommerce support
- 27. Rollover images
- 28. Tabbed content areas
- 29. Sites for faculty/researchers
- 30. Multiple day events with multiple dates and times
- 31. Vimeo support
- 32. Twitter card support (meta tags see https://dev.twitter.com/docs/cards)
- 33. WYSIWYG interface for definition lists
- 34. Question and answers (social voting)
- 35. Syncing with Google Calendar
- 36. Dynamically generated custom listing pages
- 37. "Lightboxes" for images
- 38. Additional unordered list bullet styles (e.g. checkmarks)
- 39. Non-WATIAM Drupal accounts (commenting, webforms, etc.)
- 40. Multiple blogs on a single site
- 41. Blog comments for WatIAm users
- 42. Email reminders for reports 43. Arbitrary Google maps
- 44. Facebook Open Graph tags support (meta tags see https://developers.facebook.com/docs/opengraph/)
- 45. CKEditor source view syntax highlighting
- 46. Improve look and feel of Varnish error page that appears when sites are offline
 - 47. Organizational charts
 - 48. Podcast embedding/audio player outside of blog posts
 - 49. New content type for meetings (capture agendas and minutes)
 - 50. Existing site functionality (pointing back to old site from WCMS)
 - 51. Unlisted events (only accessible if you know the link)
 - 52. Estimated reading time (for content authors)



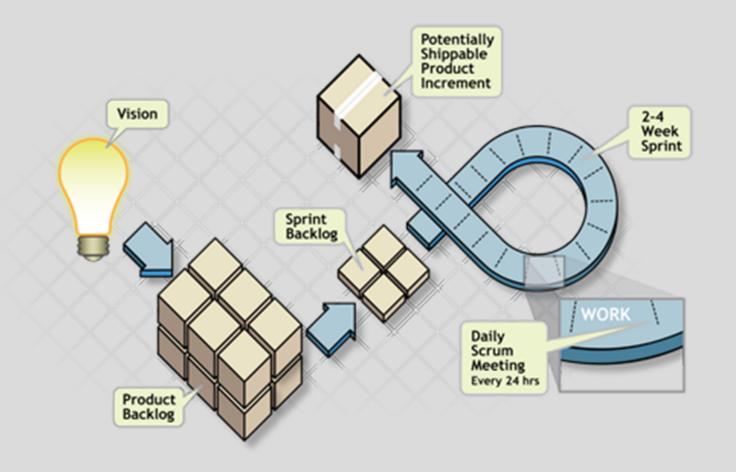
STRATEGY

'Release early, release often. And listen to your customers.'





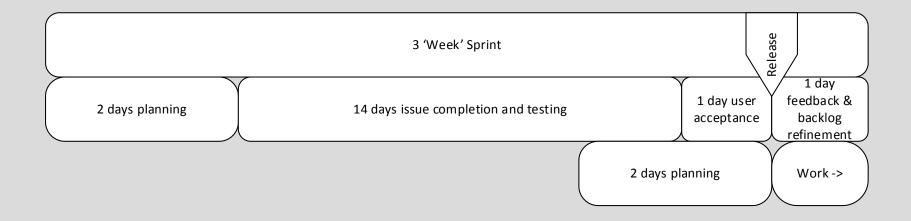
SCRUM







CADENCE PATTERN







CONTINUOUS INTEGRATION

- Jenkins
- Integrate developers code into master seamlessly with automated testing
- Automated release and deployment management
- Goal is to release at the end of each sprint







DEVELOPMENT ROADMAP

- Our plan to achieve short and long terms goals with WCMS
- Developing in the open
- Forecast and coordinate WCMS developments

Sprint name: Tabitha (Mar 31 – April 20)

Epics:

- Responsive publication site port
- COPE for Events (#3 on <u>requested features list</u>)
- WCMS responsive theme
- Set up Jenkins for WCMS continuous integration
- Automated testing

New Features:

- Salesforce webform integration for Engineering
- Job and Volunteer Opportunities content type
- Vimeo support
- Tint embedding
- CKEditor 4

Projects:

- Update collaborate.uwaterloo.ca to Open Atrium 2 (#53 on requested features list)
- Security
 - Content security policy headers
- Important dates for Open Data
- Daily Bulletin migration
- Admissions and Entrepreneurship pages

Bugs, fixes and improvements:

- Home page features cleanup for better maintenance
- Fix single-event iCal issue
- Event iCal files should feed proper date/time information
- Investigate Node Revision Delete
- Investigate Node Export
- Restore RSS for Events
- Module updates (3)

https://uwaterloo.ca/web-resources/wcms-users/features-functionality/development-roadmap



DEVELOPMENT ROADMAP

Web development roadmap

This page lists development roadmaps for our sprints. We believe in developing in the open as much as possible and hope that this is helpful for you, our clients to understand our workload, commitments, timelines, priorities, etc. We appreciate your support and welcome your <u>feedback</u>.

Current sprint

Veronica (May 12 - Jun 01)

Future sprints

- Jun 02 Jun 19
- Jun 22 Jul 10
- Jul 13 Jul 31
- Aug 3 Aug 21
- Aug 24 Sep 11

Previous sprints

2015

- <u>Ulysses (Apr 21 May 11)</u>
- <u>Tabitha (Mar 31 Apr 20)</u>
- <u>Seamus (Mar 10 Mar 30)</u>
- <u>Raquel (Feb 25 Mar 9)</u>
- <u>Quentin (Jan 26 Feb 17)</u>
- Penelope (Jan 6 Jan 19)

2014

Odin (Nov 21 - Dec 15)

- All WAC

 Prioritized Feature
 Requests have
 been scheduled in
 future sprints
- To be completed within the next 6 months



WHAT HAVE WE BEEN UP TO RECENTLY?





WCMS VERSION 1.10 RELEASE

Features/Functionality

- Added scheduled content publishing and unpublishing
- Added a link to submit RTs via the dashboard.
- Added site specific search option.
- Added support for Google Universal Analytics code.
 - » NOTE: Site Managers need to <u>upgrade their WCMS site(s) to use Universal Analytics</u> before September 1, 2015.
- Added support for <u>decimal ordered lists</u> (e.g. 1, 1.1, 1.2, 2, etc.).

Fixes/Updates

- Made **services** automatically be children of the "Services" menu.
- Fixed an issue where updated **dashboard news items** would be displayed multiple times.
- Configured **blog** and **services** content types to feed to **open data**.
- Restored sorting events in reverse chronological order when "past" is selected from the dropdown.
- Token browser in **web form** will now collapse the token tree.
- Made LDAP lookups more gracefully handle downtime on the LDAP server.
- Made the **WCMS support** and **administrator** roles expire automatically after 24 hours when automatically assigned.
- Fixed Linkchecker error message when creating contacts.
- Fixed issue causing "#contextual_links" errors on the **dashboard**.
- Fixed an issue where WCMS support users were missing certain permissions.
- Fixed an issue with YouTube embeds in some browsers.
- Disabled the ability to create redirects from the home page.
- Installed and configured the underpinnings for proper multilingual support.
- Removed modules no longer in use from profile.
- Updated approximately 40 modules in profile.

Theming changes

- Updated the generic theme to use the new university logo.
- Updated the **generic theme** to properly support wide homepage banners.



WCMS VERSION 1.11 RELEASE

Features

- » Job and volunteer opportunities content type
- » Responsive WYSIWYG editor
- » Blog commenting
- » Facebook Open Graph and Twitter Card support
- » Vimeo support
- » Tint support

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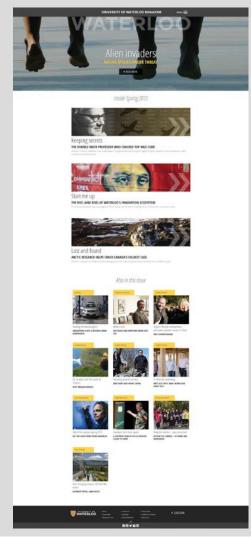
RECENT SPECIAL PROJECTS

- Waterloo Magazine
- Telephone Directory
- CAS login page
- Campus Map
- Admissions
- Entrepreneurship





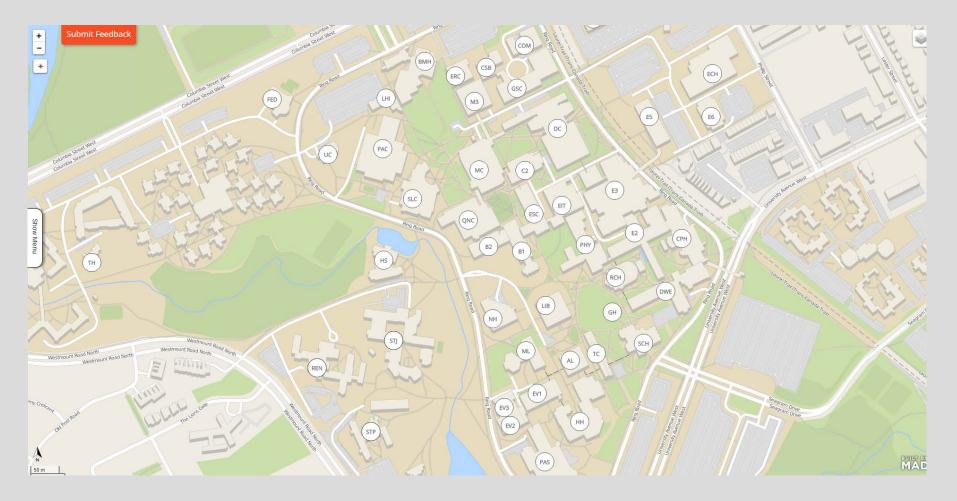
WATERLOO MAGAZINE



- Responsive, mobile friendly
- Basis for all Publications websites moving forward
- Collaboration with MSC



CAMPUS MAP





WCMS REDEVELOPMENT PROJECT

WCMS 2.0





PROJECT SCOPE

- Project overview
- Project governance
- Project strategy

Scope

•Implementation of fully responsive website front-end and administrative interface.

•Implementation of system architecture supporting COPE strategy.

•Refactoring of existing code where required to align with new components, practices or requirements.

•Refinements in tooling and development process to improve support for continuous improvement of the products.

Out of scope

•Redevelopment of existing site content to align with modifications to content types arising from project work.



ROLES & RESPONSIBILITIES

- Project overview
- Project governance
- Project strategy

- Requirements from users (Backlog from WAC)
- Standards come from Project Champions and their teams
- Direction and decisions from Web Steering
- Sponsors accept deliverables as complete



3 THEMES OF WORK

- Project overview
- Project governance
- Project strategy

1.Progress visible to the stakeholder

2.Investment in infrastructure

3.Investment in development capabilities



QUESTIONS?

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