

Workflow Initiative

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#DrupalDeploy

Agenda

- Background & goals
- Plan overview
- Lessons learned
- More details
- Q & A

Funded team

- Tim Millwood — timmillwood
- Andrei Mateescu — amateescu
- Andrei Jechiu — jeqq
- Jozef Toth — jojototh
- Dick Olsson — dixon_

Special thanks

Committers for *Deploy - Content Staging*

User	Last commit	First commit ▲	Commits
heyrocker	6 years ago	9 years ago	81 commits

Committers for *Workbench Moderation*

User	Last commit	First commit ▲	Commits
agentrickard	4 years ago	6 years ago	36 commits

Maintainers for Universally Unique Identifier

[skwashd](#) – 67 commits
last: 9 months ago, first: 6 years ago

<https://groups.drupal.org/node/216414>

Content Staging in core - let's make a plan

View

Edit

Posted by [dixon_](#) on *March 10, 2012 at 1:16pm*

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The lack of a robust content staging solution in Drupal has been long standing. In this post I won't go into details of why this is such a difficult problem to solve. Instead, I'll suggest a plan, to make a plan, to solve it! So, those of you that are interested in tackling a [strategically important functionality for Drupal 8](#), please continue to read.



What's being done right now?

Throughout the last 8–9 months I've been working on a rewritten version of [UUID](#) and [Deploy](#) for Drupal 7. It's been moving slow for different reasons, one being because we're very few people coding on it. But (dare I say it?) we are close to a release of Deploy!

Background & goals

- Core conversations since Denver 2012
- The first approved initiative after 8.0.0
- Efficient and accurate content workflows
- For **content editors**
- By enabling **moderation** and **full-site preview**

Scenarios

Audiences

Formalizing content
Preview content
Review content for others
Create (publish) (what items)
Edit as feedback
Request review
Reschedule assignment
Only looking into what is in the state

Author
Editor
Super

Preview
Provide feedback
Edit content (single row)
FIRST (what for content)
Review within content
Reassign content
Impact analysis (fixing)

Editor
Marketing Associate
Legal team member
Admin

Review - diff - conflict
Merging multiple/separate changes from different authors

Review content items
Audit (legal) (impire)
Preview a thing
APPROVE REQUESTS
Define content package
Review content package
Preview package
Review content item

System Editor
Legal
Marketing Editor
Marketing Exec
Super

Coordinate content delivery

Developer

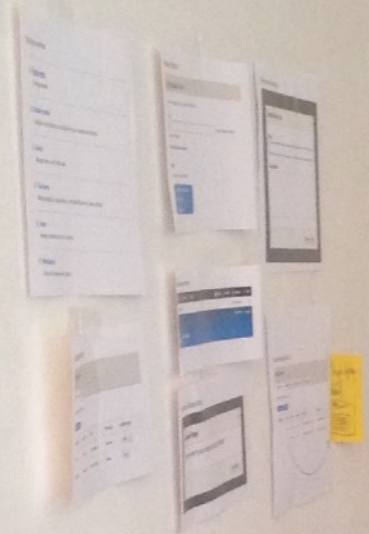
y & concept

s. config

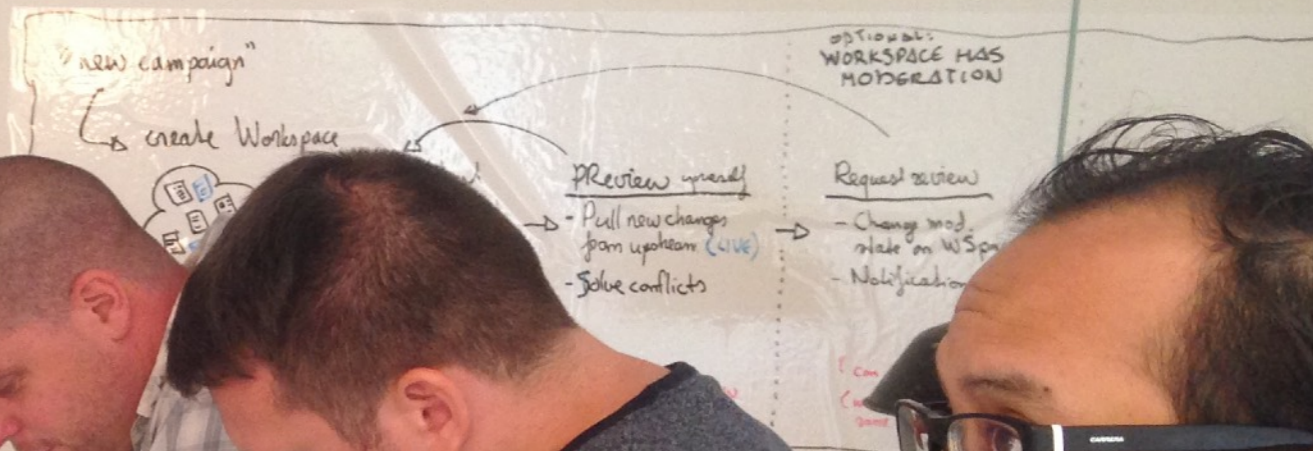
navigation

moderation

handling / diff



Yellow sticky note with illegible text.



Plan overview

Issue: <https://drupal.org/node/2721129>

Phase A

- <https://drupal.org/node/2725433>
- Using the revision API for more entities
- **Lots of work** on underlying APIs, upgrade path, 'EditorialContentEntityBase' etc.
- **Fixed**
- Almost fixed ;)

Phase B

- <https://drupal.org/node/2786133>
- Make every revision have a parent
- Revision trees, branches and conflict management
- **Postponed**
- Only required by phase H

Phase C

- <https://drupal.org/node/2755073>
- Content Moderation and Workflow modules
- Uncovering lots of limitations with revisions
- **Fixed**
- Stable in 8.4

Phase E

- <https://drupal.org/node/2786135>
- Trash module and undo functionality
- Usability challenges
- **Needs work**
- Release target TBD

Phase G

- <https://drupal.org/node/2732071>
<https://drupal.org/node/2732081>
- Full-site preview with Workspace module
- Bold new mental model
- **Needs work**
- Targeting 8.4 for MVP

Phase H

- <https://drupal.org/node/2867707>
- Conflict management of parallel changes
- Lots of UI complexity
- Not started

Story summary

Make
revisions of
all content

Moderate
content
package

Preview
content
package

Undo
deletion
of any
content

Collaborate
with others'
content
packages

Progress summary

- Phase A
- Phase B
- Phase C
- ~~Phase D~~
- Phase E
- ~~Phase F~~
- Phase G
- Phase H

Progress summary

- Phase A
- Phase B
- Phase C
- Phase E
- Phase G
- Phase H

Lessons learned

Lessons learned

- Hard to do experimental modules that needs deep integration with Drupal
- Surfacing existing bugs with stable code
- Dependencies during the experimental timeline
- We still rely on very few core framework committers

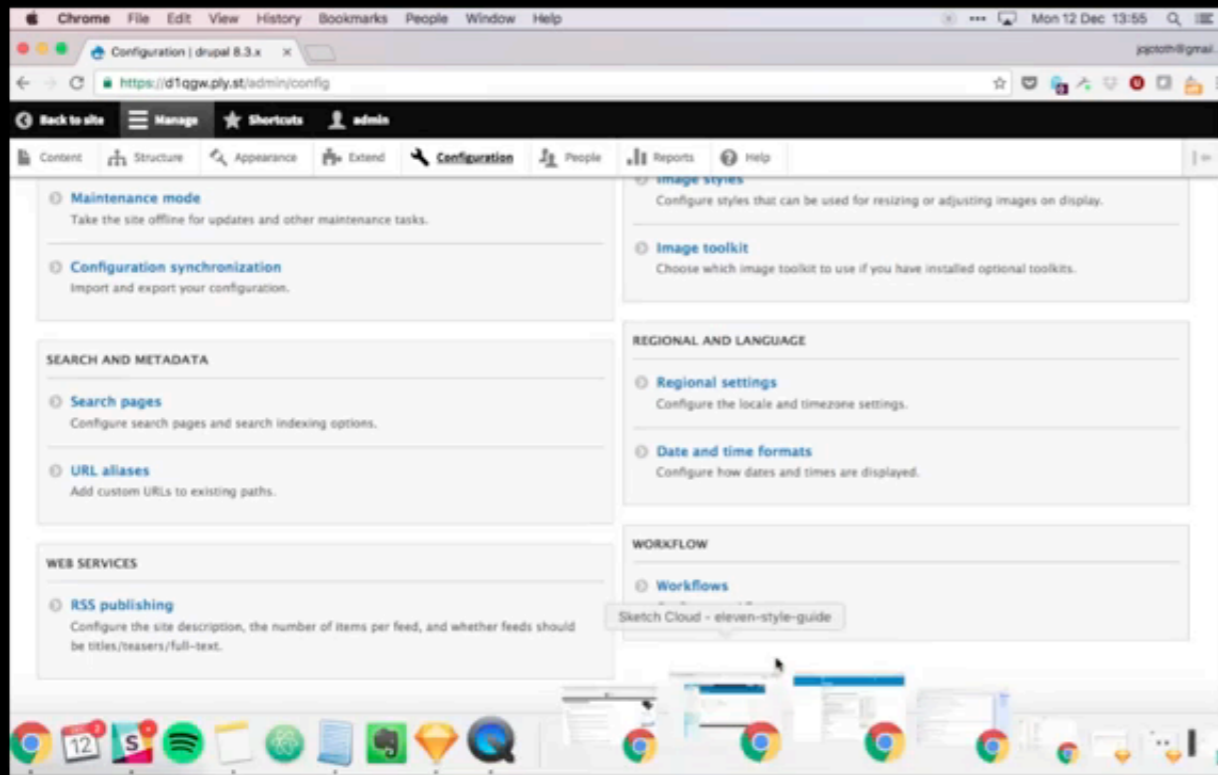
Funding core development works!

Phase C: Content Moderation

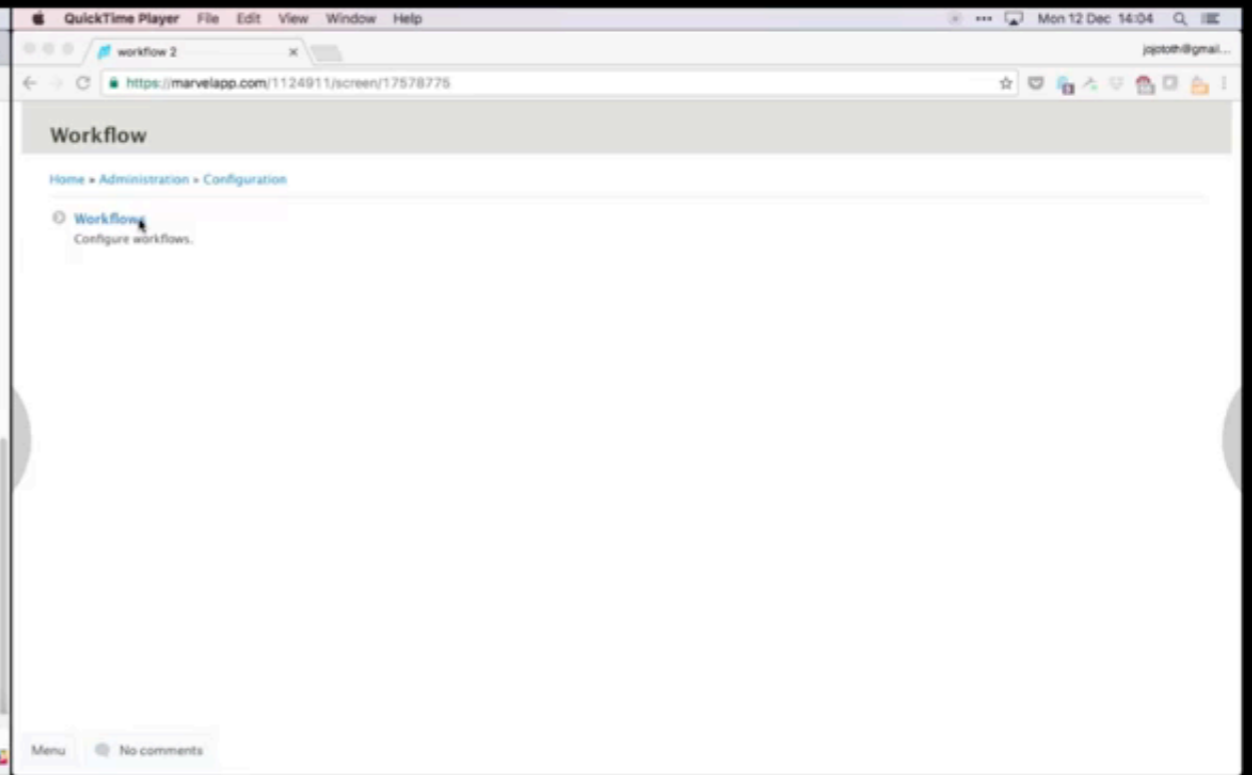
Important Content Moderation issues

- Workflows on entities without bundles:
<https://drupal.org/node/2843083>
- Forward revision bugs:
<https://drupal.org/node/2766957>
<https://drupal.org/node/1239558>
- Entity form save button:
<https://drupal.org/node/2068063>
<https://drupal.org/node/2753717>

OLD



NEW



Phase G: Workspaces

Who are workspaces for?

Content
editor

Moderate
content
package

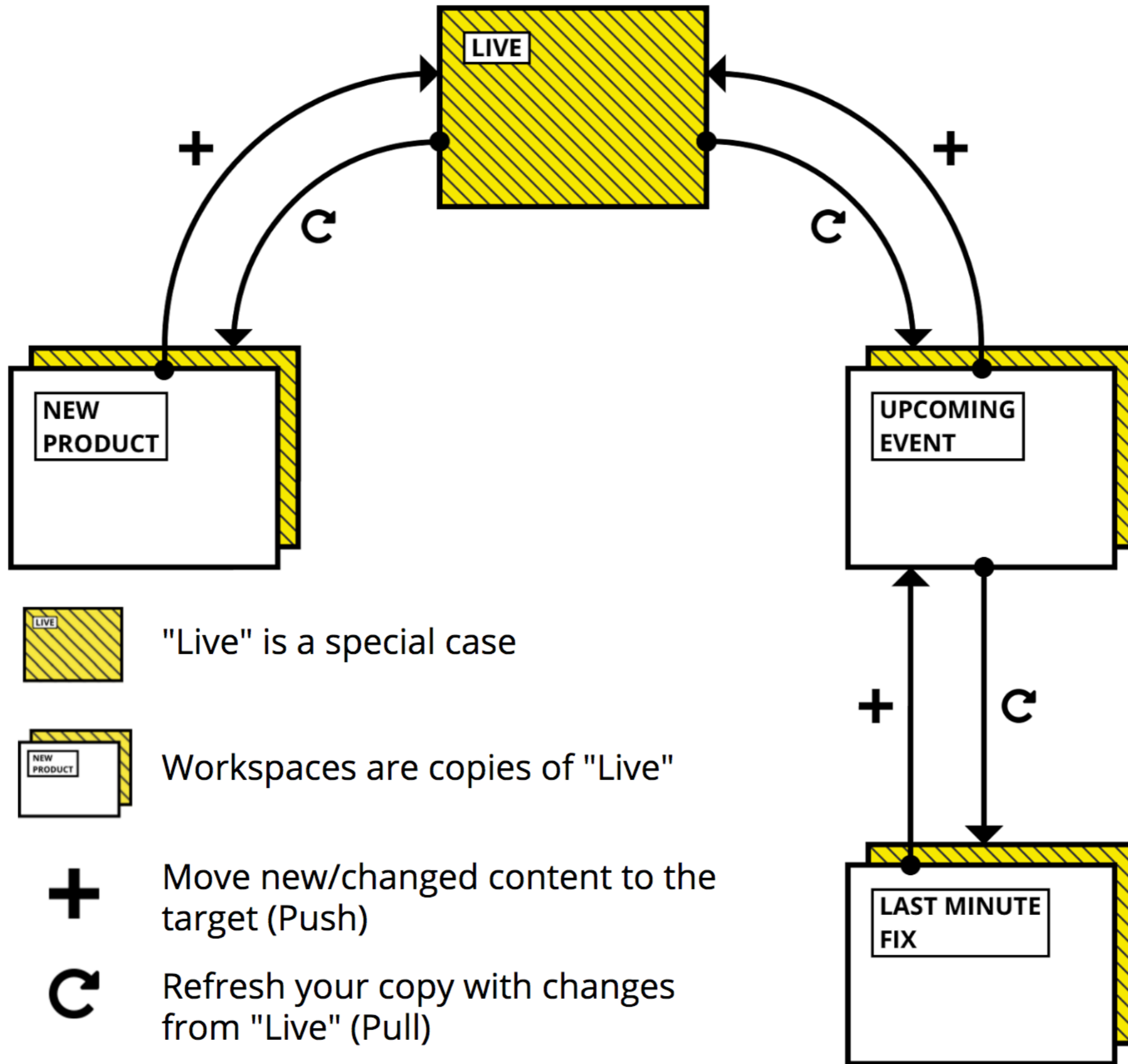
Publish
content
package

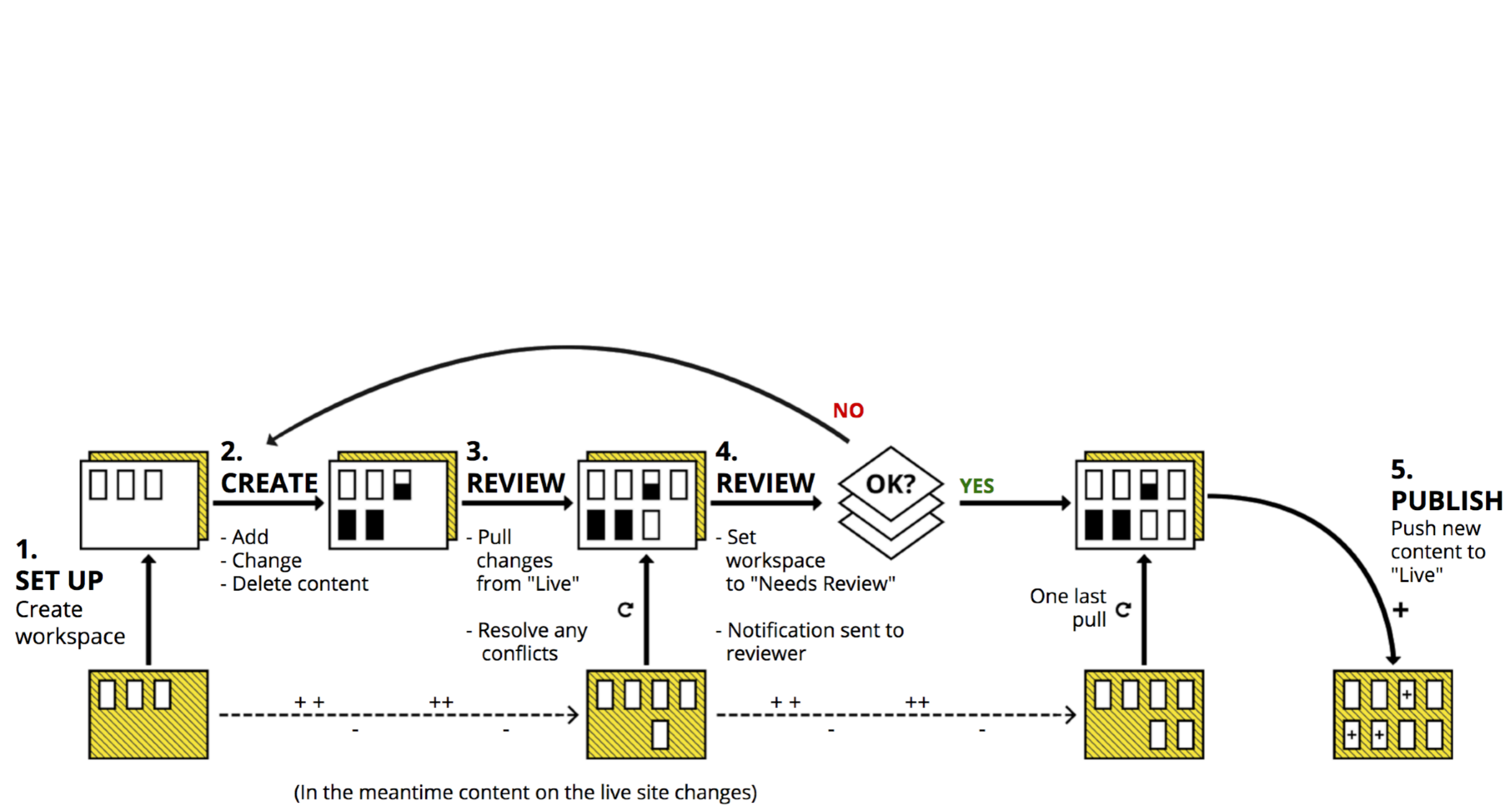
Collaborate
with others'
content
packages

Site
builder

Configure
workflows

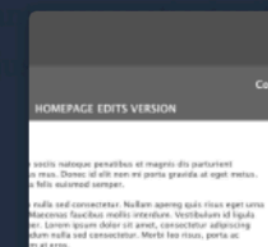
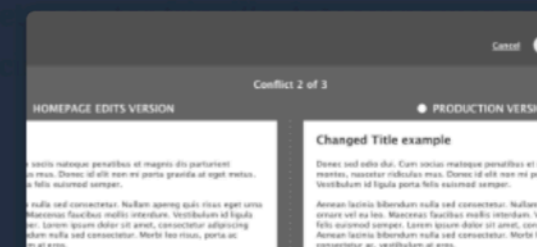
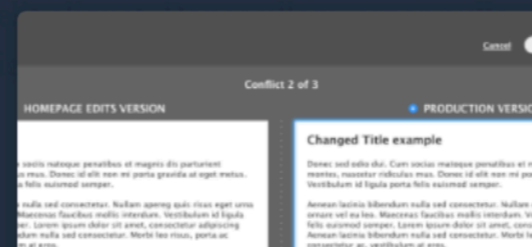
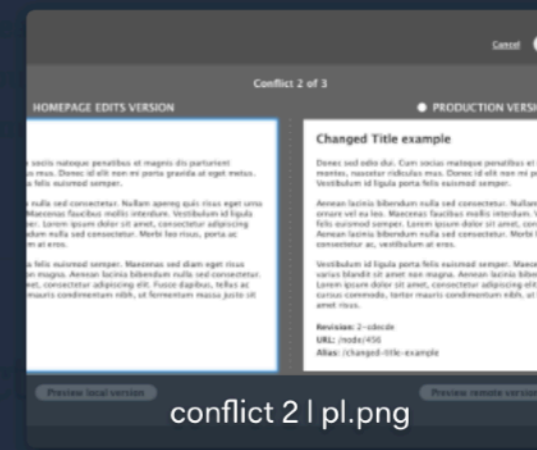
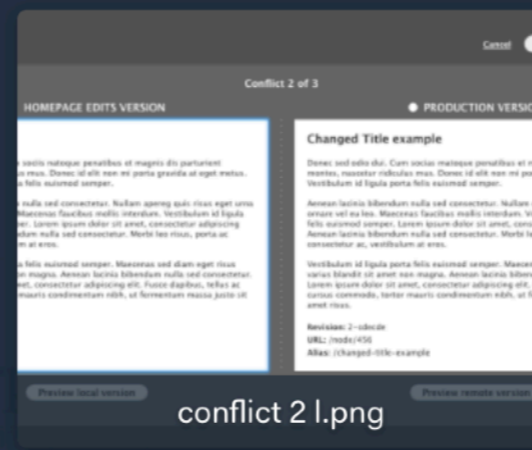
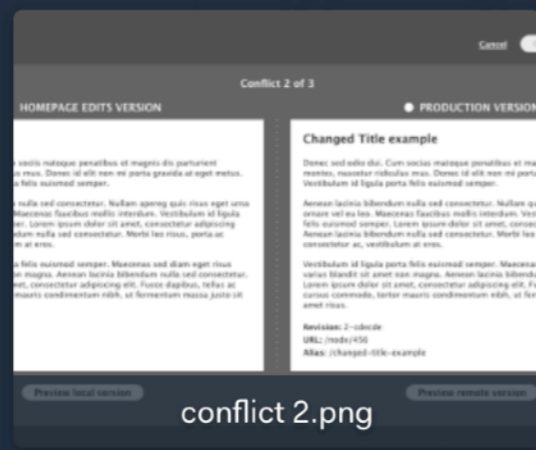
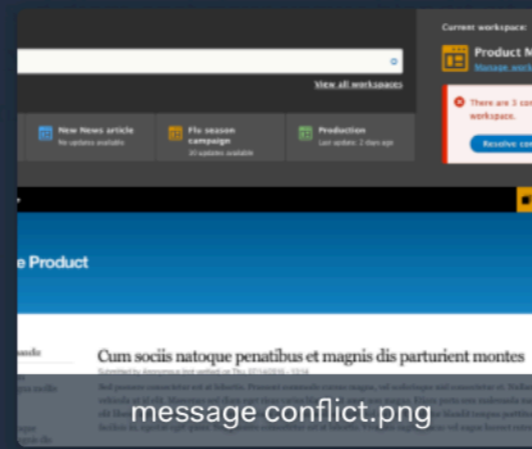
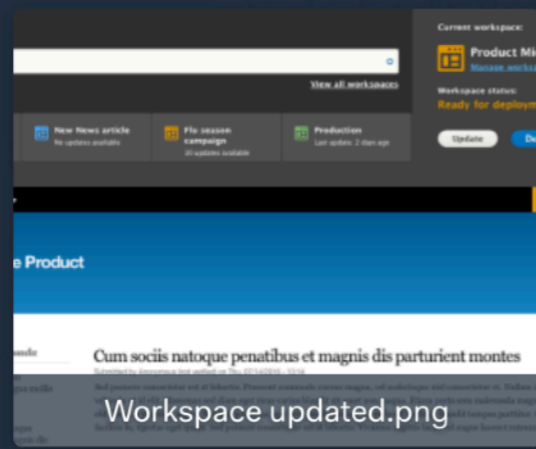
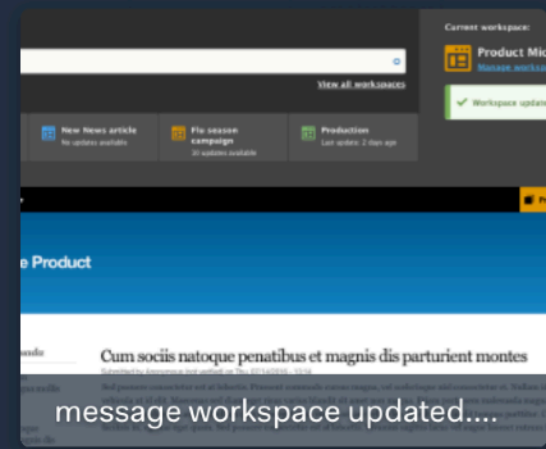
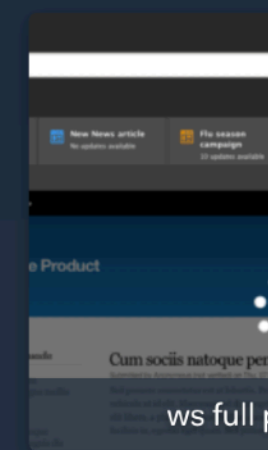
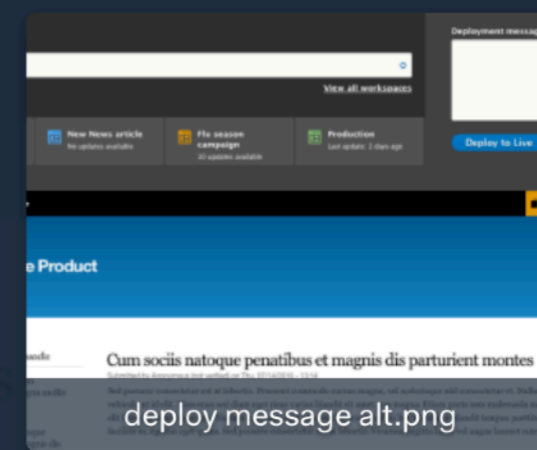
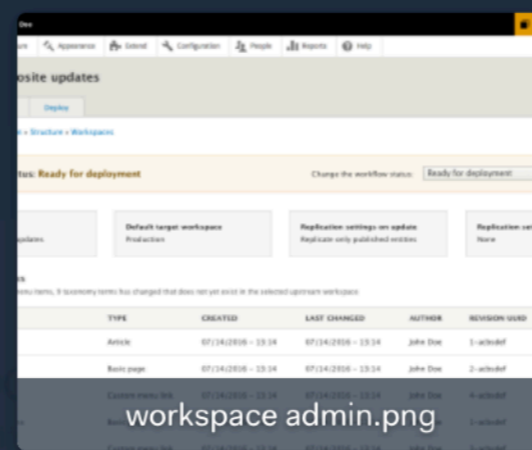
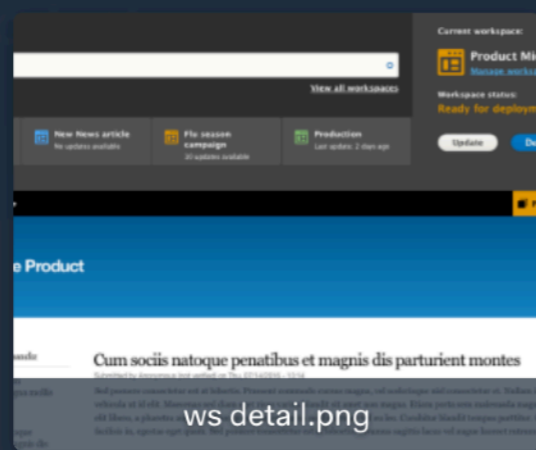
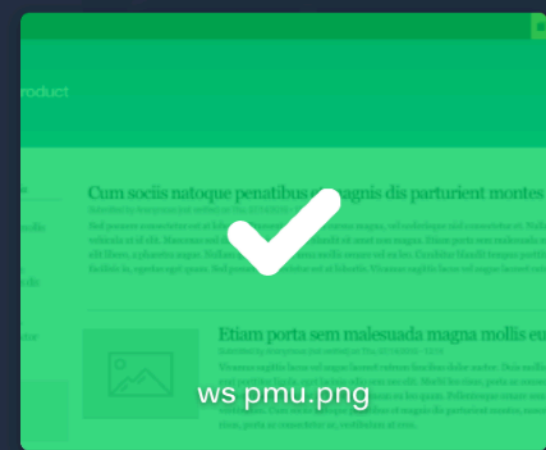
Configure
moderation
states





Workspace OI v4

46 screens



Animated prototype

Workspace roadmap

- Experimental workspace module:
<https://drupal.org/node/2732071>
- Full workspace UI:
<https://drupal.org/node/2732081>

Q & A

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Thank you!

Rate this session: <https://events.drupal.org/node/17136>

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