

Content Staging for Drupal

The Acquia Network Team
(presented by Barry Jaspan)
Acquia, Inc.

The Question:

**How can I migrate content from one
Drupal site to another?**

The Caveats

- Good News
 - It works!
 - In production at Acquia
 - Working demo available
- Bad News
 - Not yet plug-and-play ready
 - Documentation and UX need serious work
- Other News
 - I'm presenting work of the Acquia Network team
 - You might ask questions I can't answer

Architecture

- Content source site
 - Content creation and editing
 - Pushes to content sinks based on taxonomy, workflow, ...
- Content sink site(s)
 - Receives new or updated content from source
 - Stores all updates as revisions
- Content sinks can also be sources
 - Allows N-way distribution
 - Detects and prevents loops
 - Conflicts are possible!

Implementation: Existing modules

- Services module
 - Basic API support: REST/XMLRPC, JSON/XML, authentication, ...
 - Exposes validated APIs for nodes and other types
- UUID module
 - Uniquely identifies entities across all sites
- Services UUID module
 - Exposes UUID APIs via Services

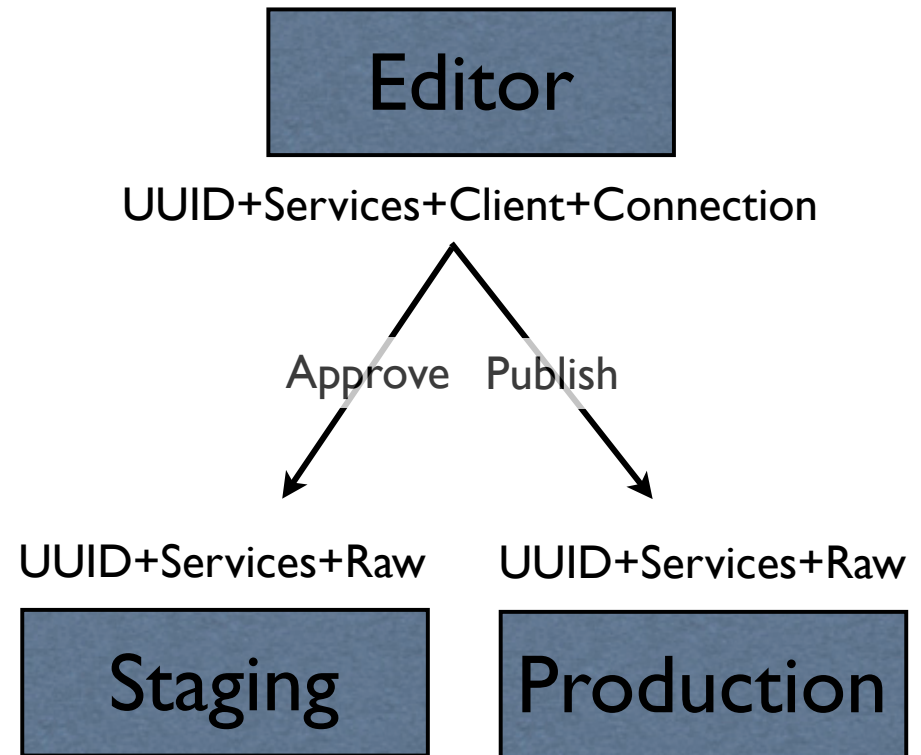
Implementation: New modules

- Services Raw module
 - Exposes direct-save APIs for nodes and other types
- Services Client modules
 - Manages connections to remote site Services endpoints
- Services Client Connection modules
 - UI for building client connections
- Services Client Custom Conditions (CCC) module
 - Allows custom conditions to determine which remote connection(s) receive new and updated content

DEMO

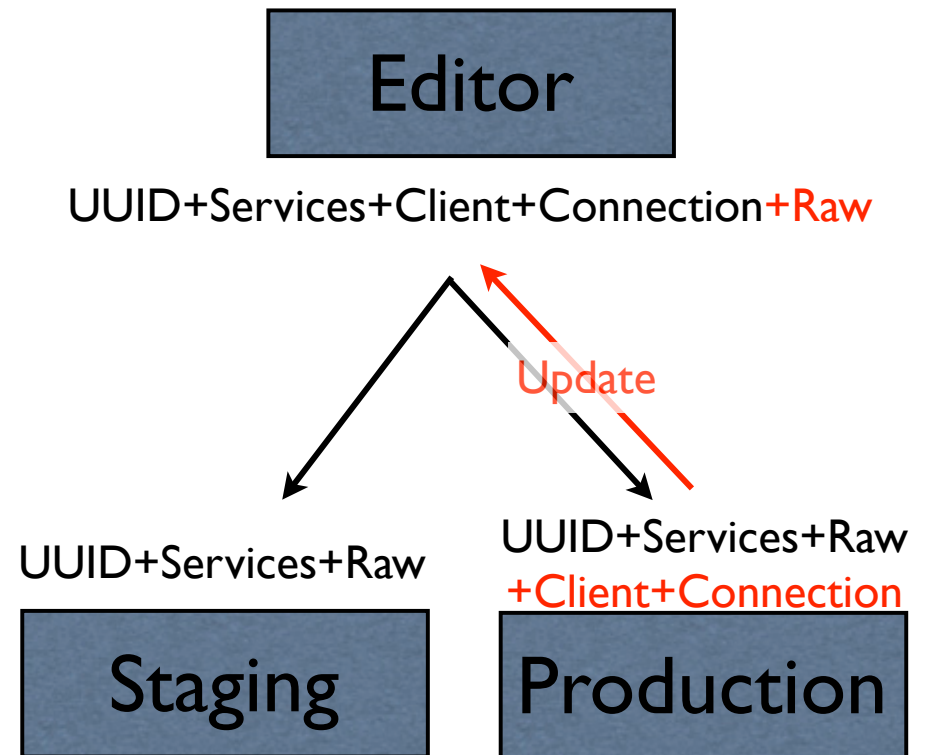
Use case: Editorial workflow

- Editor site
 - Primary content creation and editing
 - Distribution based on Workflow, approvals, etc.
- Staging site
 - Content updated from Editor
 - Update DB from Prod to review content in context
- Production site
 - Content updated from Editor



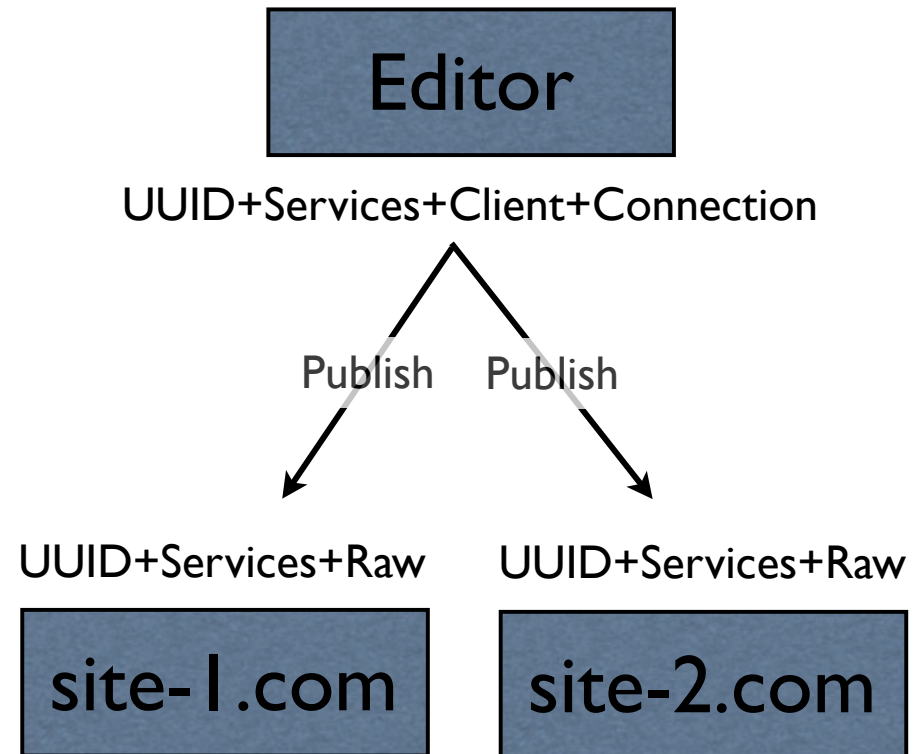
Use case: Two-way editorial workflow

- Allows editing content on Production
- Requires Content Source modules in Production



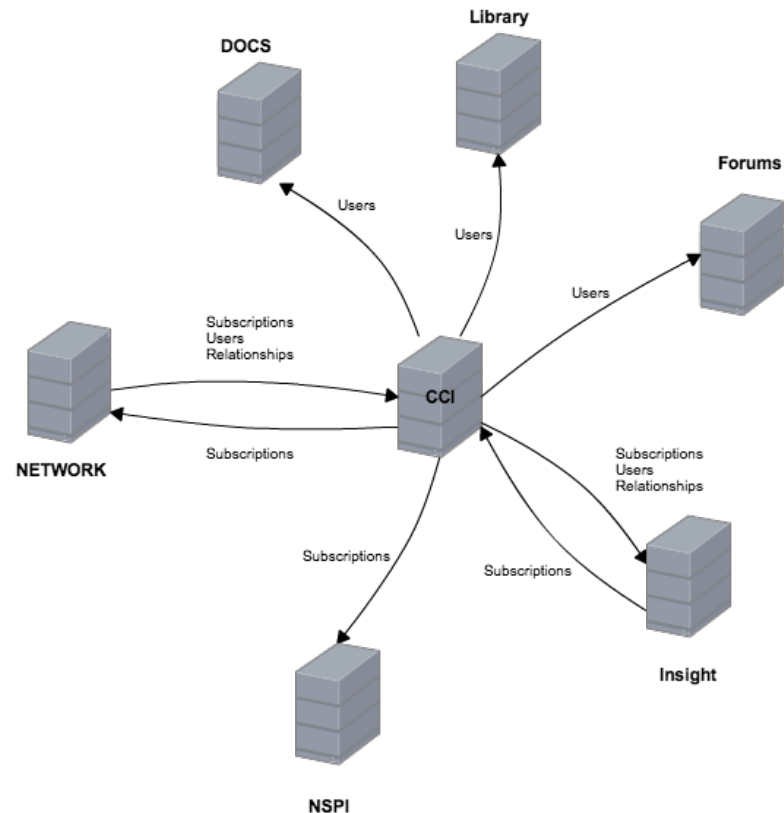
Use case: Multiple domains, multi-site

- Editor site
 - Primary content create/edit
 - Distribution based on taxonomy
- site-1.com, ...
 - Content updated from Editor



Use case: Federated sites

- Central hub site (“CCI”)
 - Mainly a read-only distribution center
 - “Master” copy of content
 - Mirrors content (& users) to rim sites
- Rim sites
 - UI + API driven content changes
 - Pushes to central hub



The Acquia Network

We're hiring!

Boston

Portland

Europe

Australia

.... or anywhere else ...

Questions?

Barry Jaspan
@bjaspan

Presentation and demo sites available at
<https://github.com/bjaspan/drupal-content-staging>