

# 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?**

# Current Status

- 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

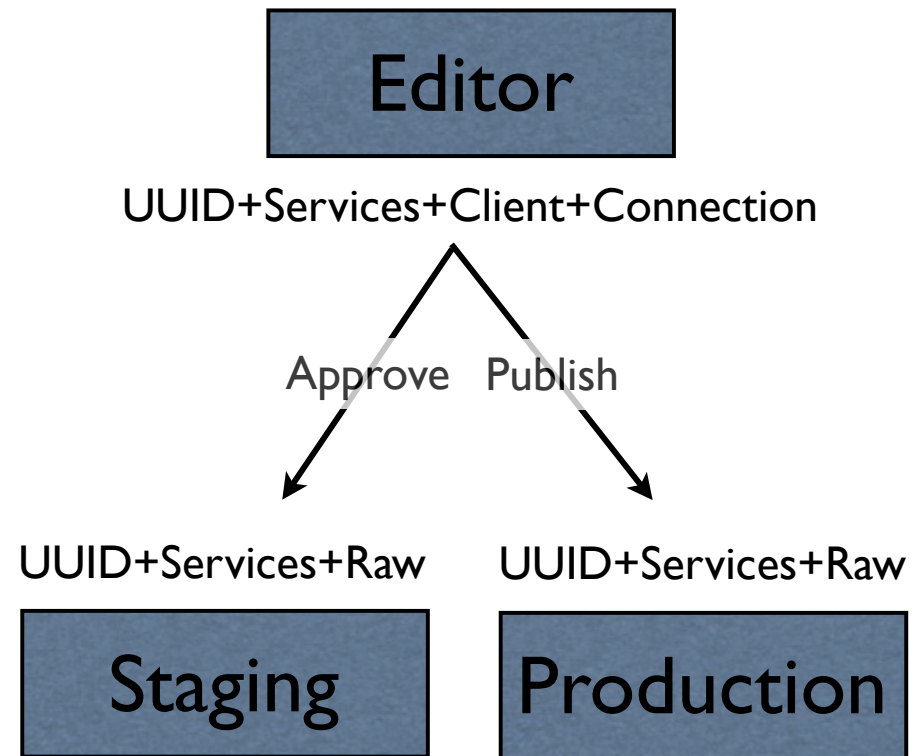
# Implementation: New modules

- 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

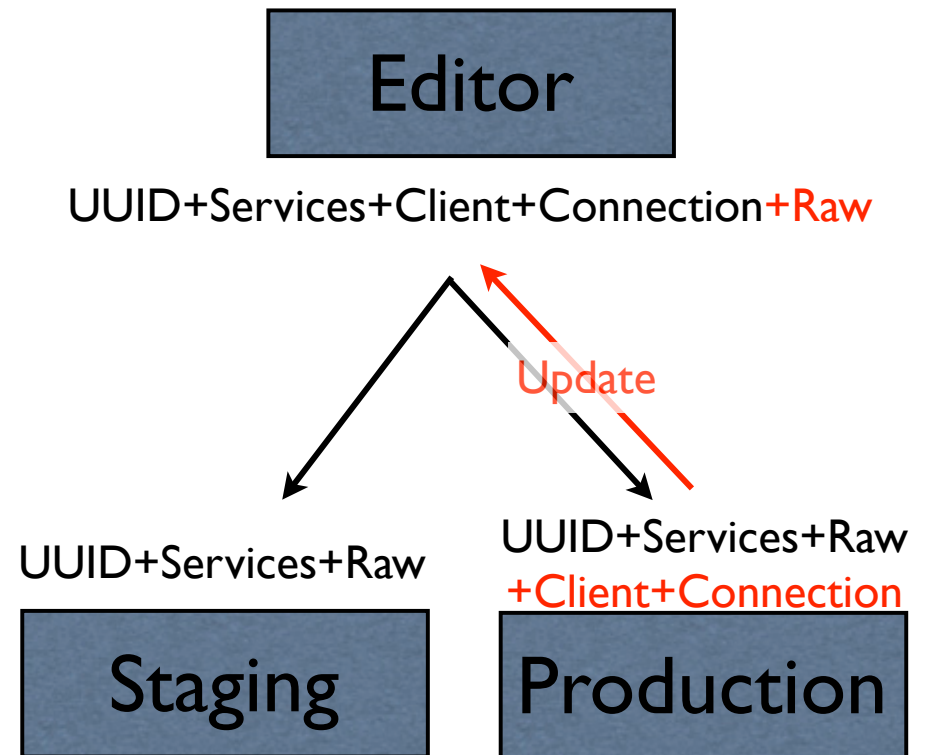
- Editor site
  - Primary content creation and editing
  - Distribution based on Workflow, approvals, etc.
- Staging site
  - Content updated from Editor
  - Update DB from Prod to review content in context
- Production site
  - Content updated from Editor





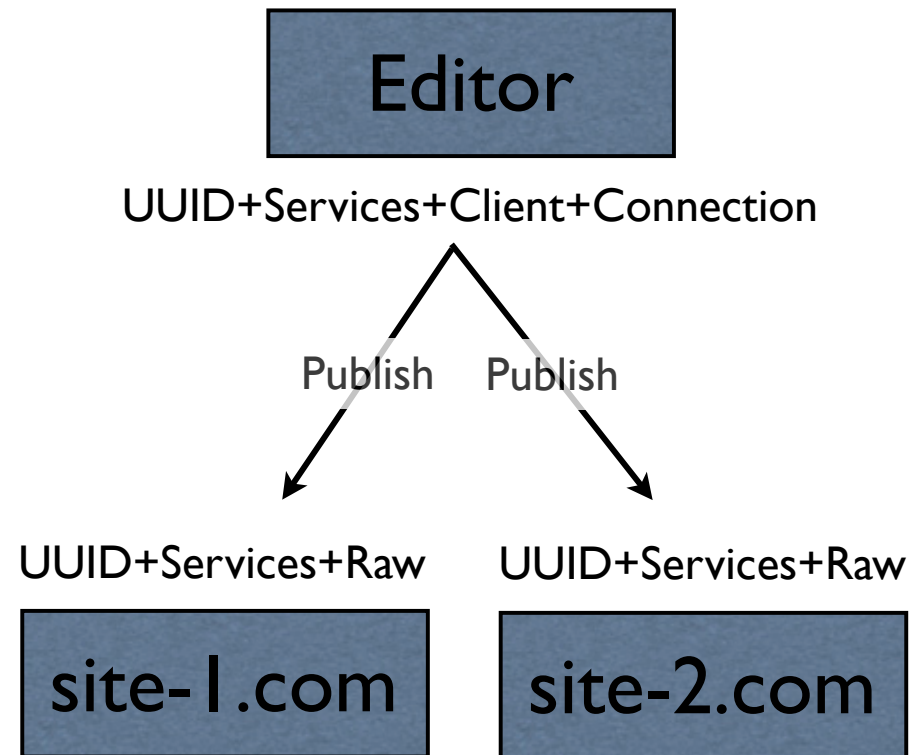
# Use case: Two-way editorial workflow

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



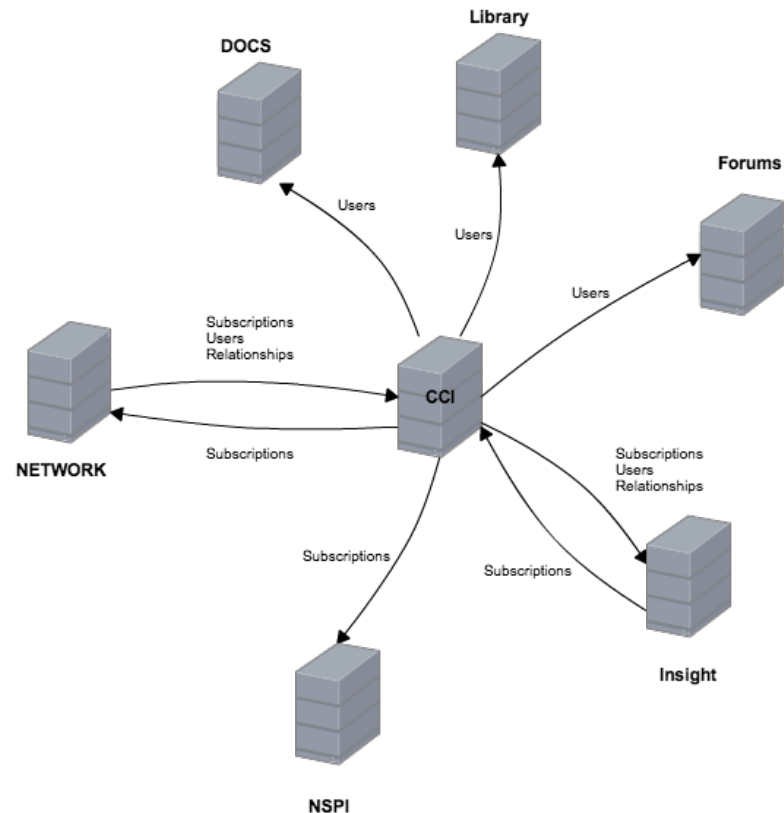
# Use case: Multiple domains, multi-site

- 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 great talent is found ...

Refer a friend and get \$2500 if we hire them!

# Questions?

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