



— DRUPALCON —

# DENVER

MARCH 19-23, 2012

Collaborative Publishing for Every Device

# **I Just Want to Edit a Node**

Presented by Robin Barre (robeano)  
and Steve Persch (stevector)

# Workbench Moderation:

## helping content editors

### About Us

View published

View draft

Edit draft

Moderate

Devel

Revision state: *Draft*

Current draft: *Yes*

Moderate:

Needs Review ▾

Apply

Needs Review

Published

Submitted by [admin](#) on Sun, 03/18/2012 - 22:56

- **Modular and extensible.** Drupal aims to provide *a slim, powerful core* that can be *readily extended through custom modules*.
- **Quality coding.** High quality, elegant, documented code is a priority over roughed-in functionality.


# Two main questions

**Workflow:** Draft > Needs Review > Published > Archived

**Forward Revisions:** There is a public revision of the "About Us" page and a saved revision that will be published at some point in the future.

# Workflow

## Moderation state


Current: Draft 

- Current: Draft
- Needs Review
- Published

on state for this content.

# Forward Revisions

[Home](#) » [About Us](#)

About Us History 

VIEW PUBLISHED

VIEW DRAFT

EDIT DRAFT

MODERATE

DEVEL

REVISION	TITLE	DATE	REVISION ACTIONS	MODERATION ACTIONS
5	About Us A new version of "About Us." Still in progress. Revised by <a href="#">admin</a>	03/18/2012 - 22:57	<a href="#">view</a>	<p>This is the current revision. The current state is <i>Draft</i>.</p> <p>Moderate: <input type="text" value="Needs Review"/> <input type="button" value="Apply"/></p> <ul style="list-style-type: none"><li>From Published --&gt; Draft on 03/18/2012 - 22:57 by <a href="#">admin</a></li></ul>
4	About Us Correcting a typo. Revised by <a href="#">admin</a>	03/18/2012 - 22:57	<a href="#">view</a>   <a href="#">revert</a>   <a href="#">delete</a>	<p>This is the published revision.</p> <p><a href="#">Unpublish</a></p> <ul style="list-style-type: none"><li>From Needs Review --&gt; Published on 03/18/2012 - 22:56 by <a href="#">admin</a></li><li>From Needs Review --&gt; Needs Review on 03/18/2012 - 22:56 by <a href="#">admin</a></li></ul>
3	About Us Adding an "About Us" page Revised by <a href="#">admin</a>	03/18/2012 - 22:56	<a href="#">view</a>   <a href="#">revert</a>   <a href="#">delete</a>	<ul style="list-style-type: none"><li>From Draft --&gt; Needs Review on 03/18/2012 - 22:56 by <a href="#">admin</a></li><li>From Draft --&gt; Draft on 03/18/2012 - 22:56 by <a href="#">admin</a></li></ul>

# State of D7 contrib

Many modules doing a mix of **workflow** and **forward revisioning**.

Entity Revision Scheduler, Maestro, Revisioning, State Machine, Workbench Moderation, Workflow, etc.

# **Forward revisions struggle with core**

A forward revision should not go in the node table nor be touched by modules like Pathauto.

# So D7 does something like this:

```
node_save($node)
```

Write to {node}

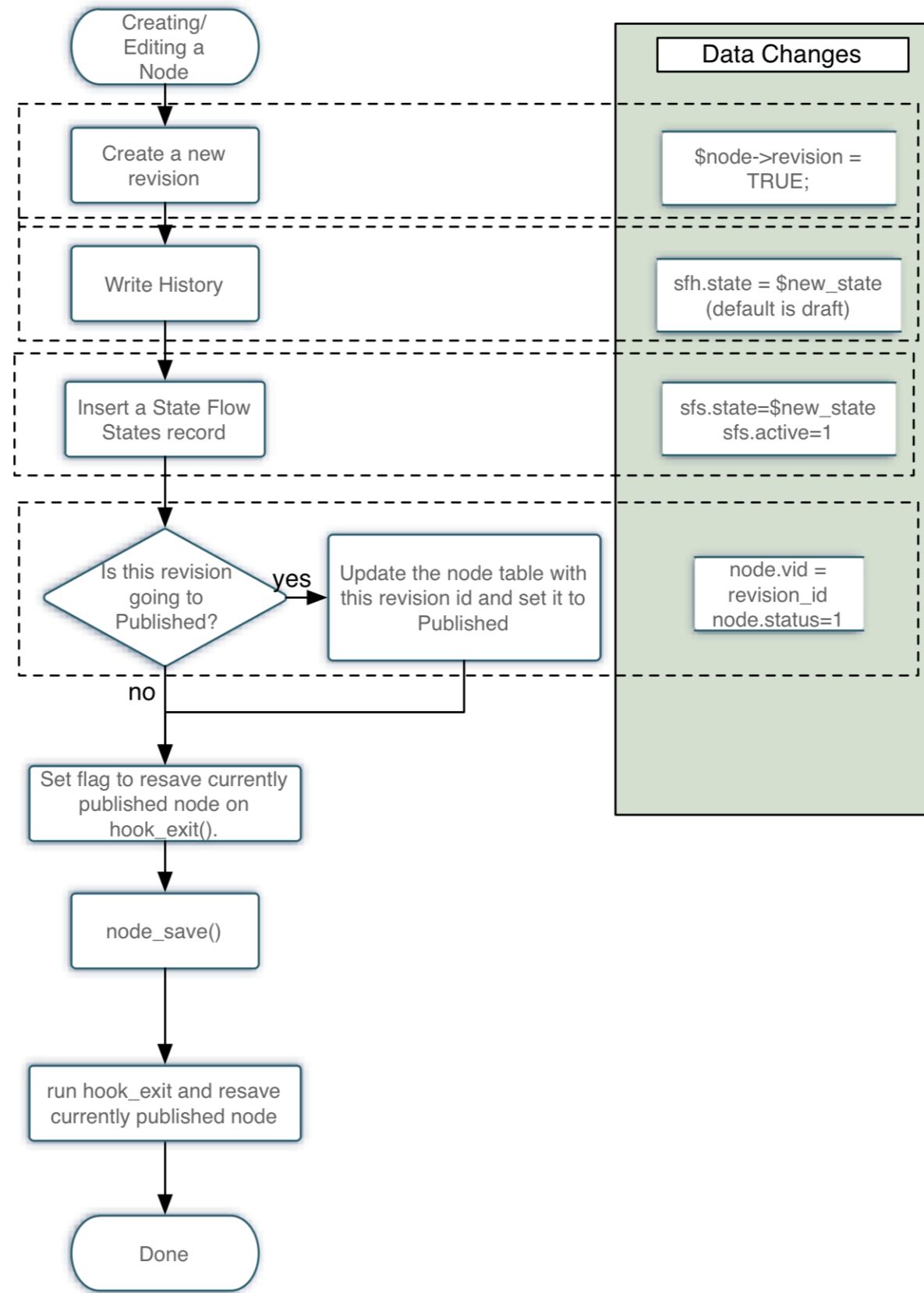
Write to {node\_revision}

Wait, was that the “published” vid?

No? - call `node_save($published)`  
in `hook_exit()` or `shutdown`.

# Workflow for State Flow Entity

## Creating/Editing a Node



# What if D8 did this?

`node_save($node)`

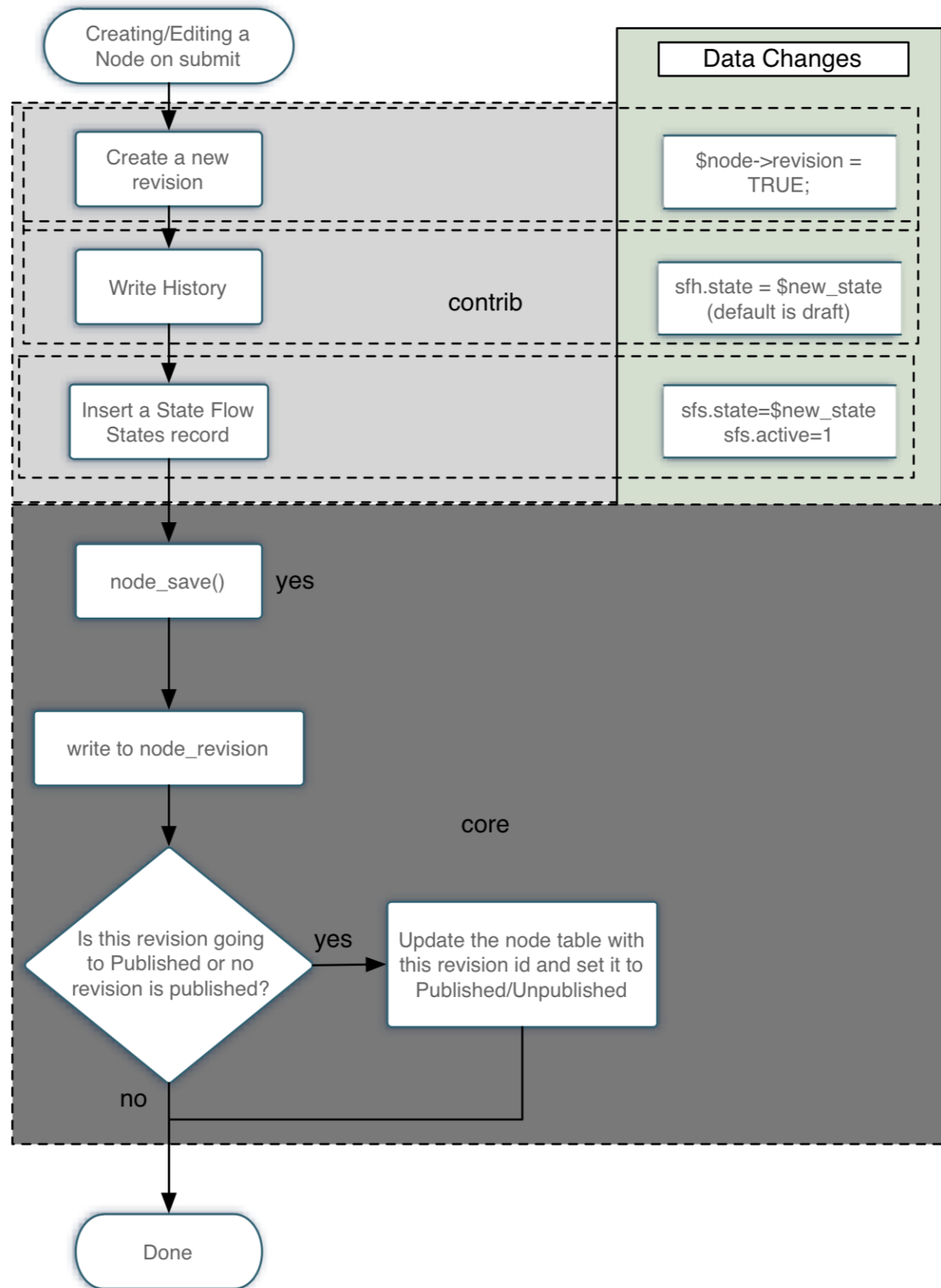
Write to {node\_revision}

Is this “published?” (Or is there no previously published version)

Yes? - Write to {node}

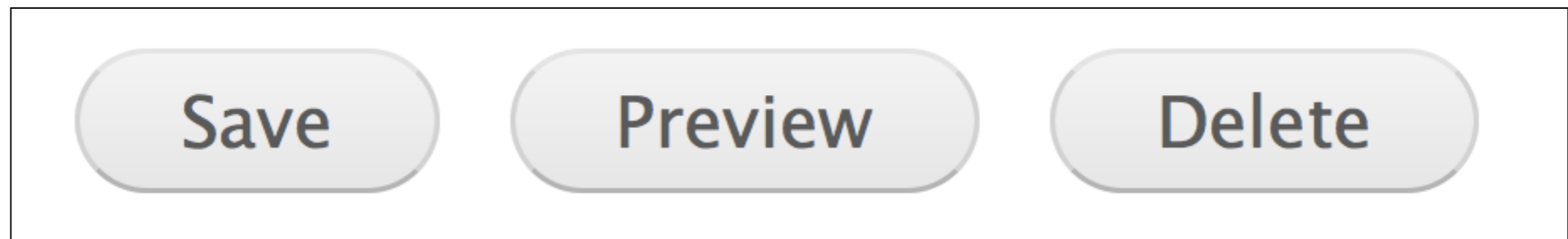
# Workflow for State Flow Entity

## Creating/Editing a Node

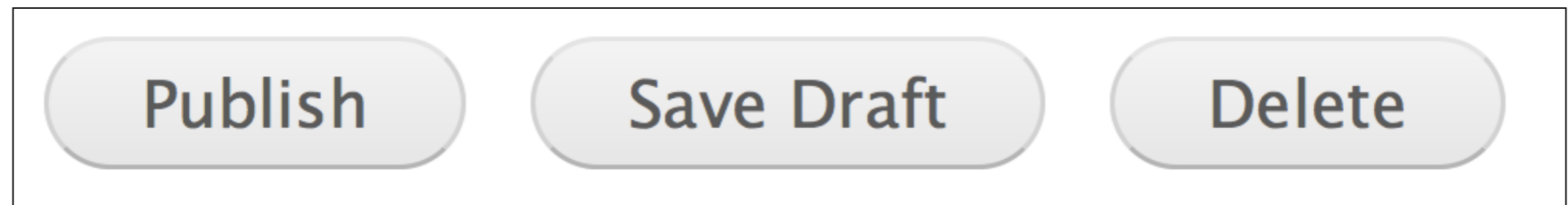


# What about the UI?

Replace this:



With this:



# No need for “Preview”

## About Us

View published

View draft

Edit draft

Moderate

Devel

Revision state: *Draft*

Current draft: *Yes*

Moderate: Needs Review

Submitted by [admin](#) on Sun, 03/18/2012 - 22:56

- **Modular and extensible.** Drupal aims to provide a slim, powerful core that can be readily extended through custom modules.
- **Quality coding.** High quality, elegant, documented code is a priority over roughed-in functionality.
- **Standards-based.** Drupal supports established and emerging standards. Specific target standards include XHTML and CSS.

# And the code?

- Cleanup `node_save()`
- Expand `_node_revision_save()`
- New hooks?
- Will Entity API changes solve this?

# Workflows in core?

Could stay in contrib.

Complications include:

- Definition of Workflows.
- Workflows across entity types.
- State could be an entity too.
- Related fields: state change log, next users.

# More UI discussion on g.d.o

- **“Design iterations for the content creation page.”**
- <http://groups.drupal.org/node/217434>
- Thanks Yoroy, Bohjan, Jared Ponchot and other contributors!

# Create Piece of Content

## Title \*

My title I just typed here

## Body

Text Format: **Filtered HTML**

**B** *I* U **S**

## Text Field

## Another Field

Here's what some description text for this field looks like.

## Some Text Here

## Media File

Files must be less than 32mb.  
Allowed file types: png gif jpg jpeg.

## Fancy Select Field

- None -

## One More Text Field

## not published

Last saved: 11/31/2011 at 11:30pm

Author: jponch

URL: content/articles/my-title

Create new revision:

### Menu Settings

### Taxonomy

### Comment Settings

### Meta Tags

#### Description

A concise summary of this piece of content (150 characters or less). The description meta tag may be used by search engines to display a snippet about this content in search results.

#### Keywords

A comma-separated list of keywords about this content. This meta tag is not supported by most search engines.

#### Title

The text to display in the title bar of a visitor's web browser when they view this content. This meta tag may also be used as the title of the page when a visitor bookmarks this content. You may insert **tokens** here.

[node:title] | [site:name]

# Bucket list

- Don't overwrite `$node->uid`.
- Make updating `$node->changed` optional.
- Reverse the assumption that only high level users can make revisions.
- Tokens for default revision messages.
- Replace `sticky/frontpage` with boolean fields.
- Should "Delete" work on `nid` or `vid`?

# Follow up thread

<http://groups.drupal.org/node/218864>



# What did you think?

Locate this session on the  
DrupalCon Denver website

<http://denver2012.drupal.org/program>

Click the “Take the Survey” link.

# Thank You!