

# A Well-Oiled Content Deployment Machine

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## Expert Guides through the Drupal Jungle!

architecture, high performance, migrations,  
custom module development



**When Should  
You Use Drupal?**

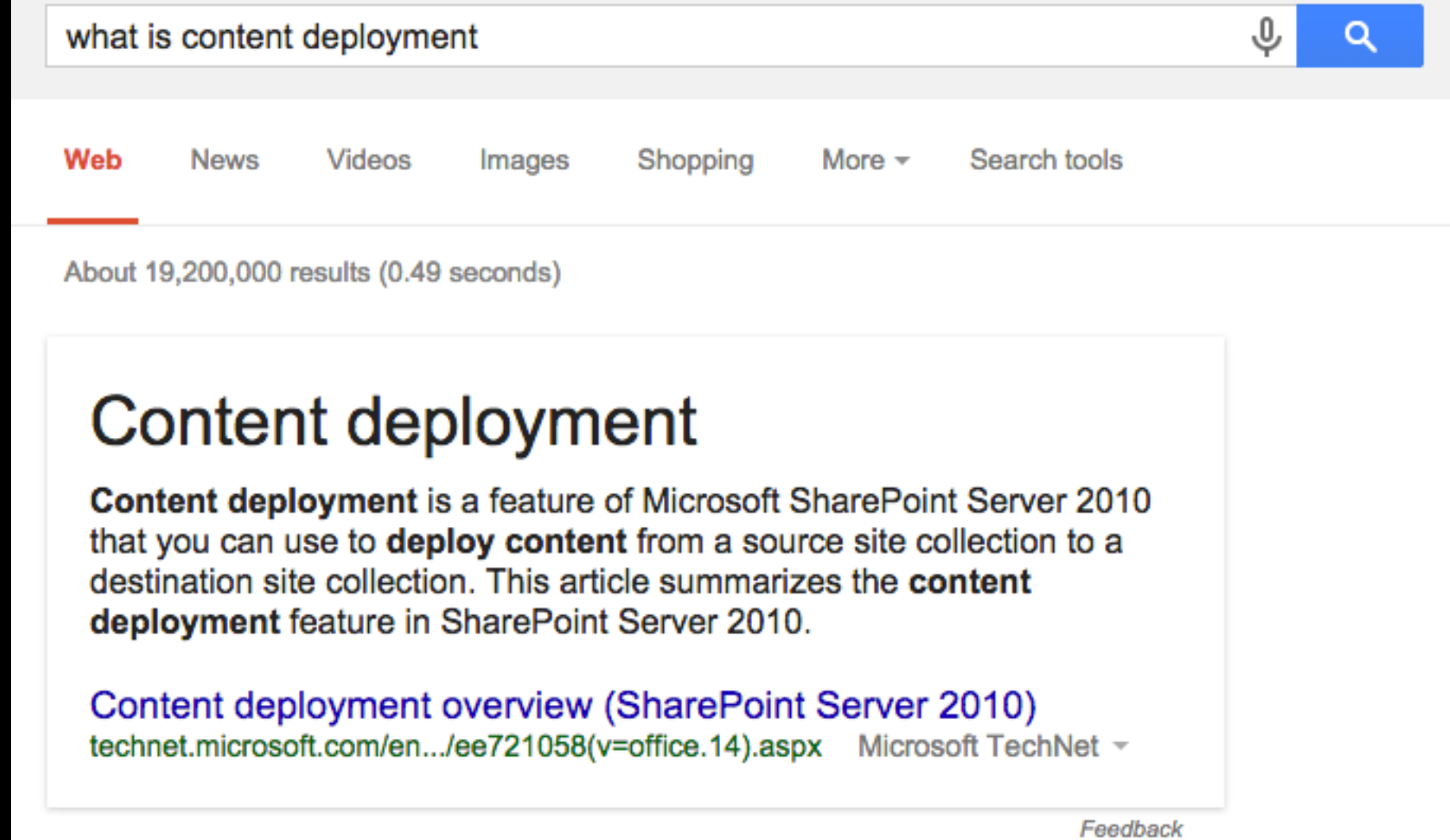


**Our Expert  
Drupal Services**



- James McBryan
- Drupal 5+ years
- Enterprise Drupal Consultant
- San Francisco Bay Area
- Ran a 6 person agency
- Started 3 tech startups, 2 failed
- Started 1 dance venue

# What is Content Deployment?



**Content deployment** is a feature of Microsoft SharePoint Server 2010 that you can use to **deploy content** from a source site collection to a destination site collection.

**Content Deployment**

Moving Content to Live

**Content Staging**

Preview content before  
going live

**Deployment**

Moving code, content,  
database, etc

Who needs content  
deployment?

Go to Google Home

arguing developers



Web

**Images**

Videos

News

Shopping

More ▾

Search tools

Large ▾

Transparent ▾

Type ▾

Time ▾

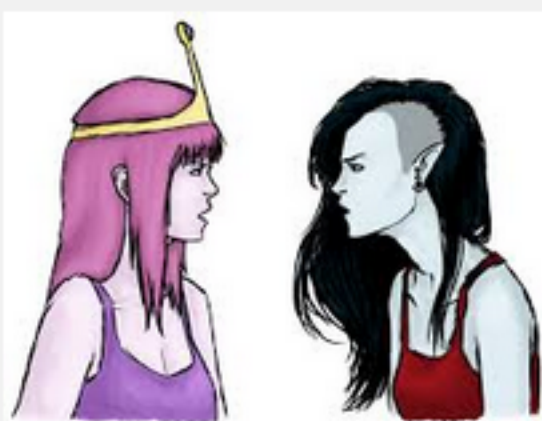
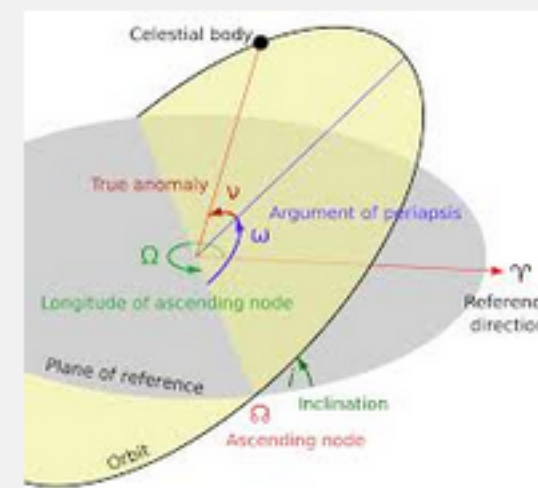
Usage rights ▾

More tools ▾

Clear



Refuting the Central Point	
Refutation	con backs and/or
Counterargument	states with little c
Contradiction	critiques the addressi
Responding to Topic	attacks the charac without addressi
Ad Hominem	sounds some
Name-calling	







No surprises

I need to ensure quality

I don't trust myself

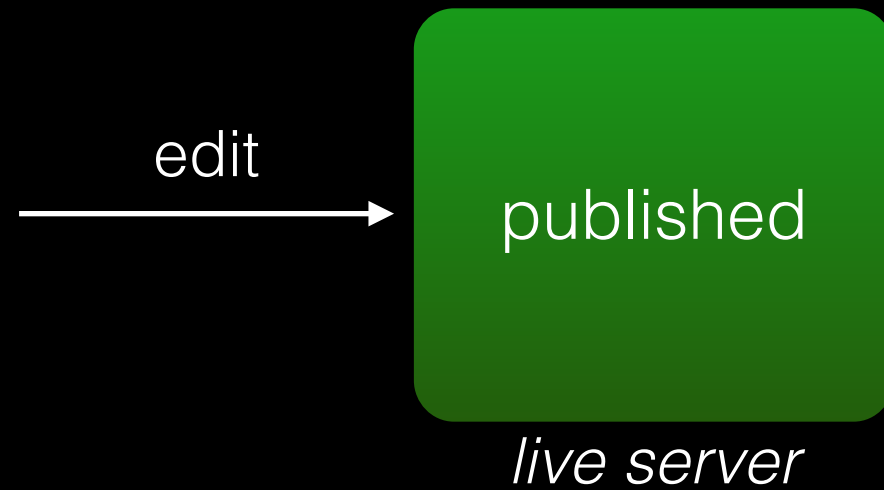
Other people need to weigh in!

I'm the editor, gatekeeper!

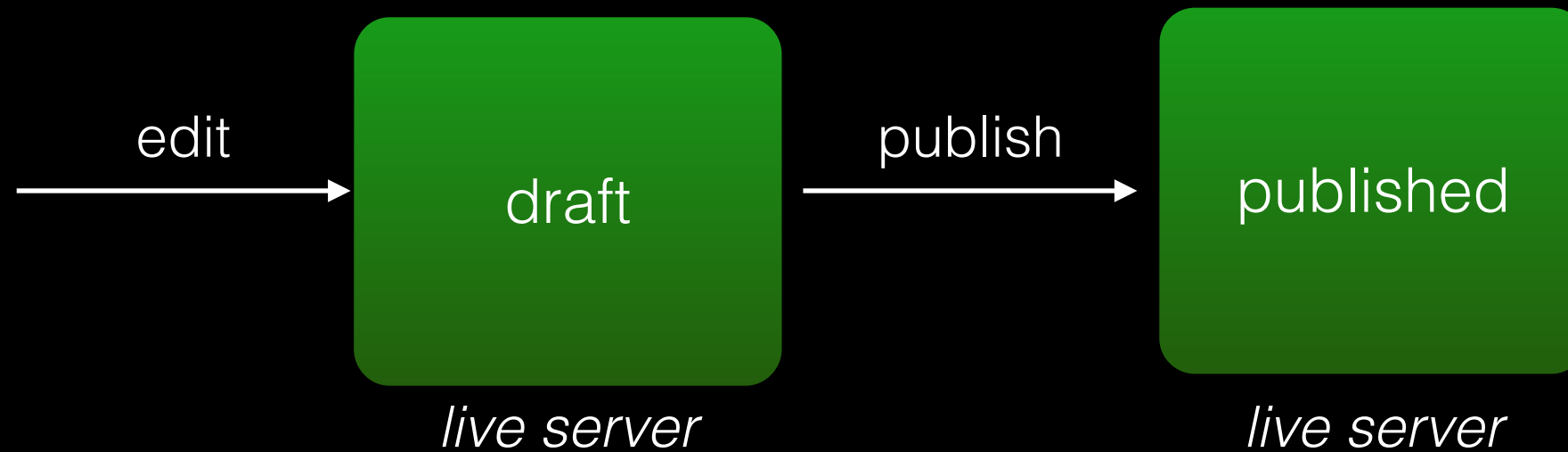
I need to approve all content!



# No Preview

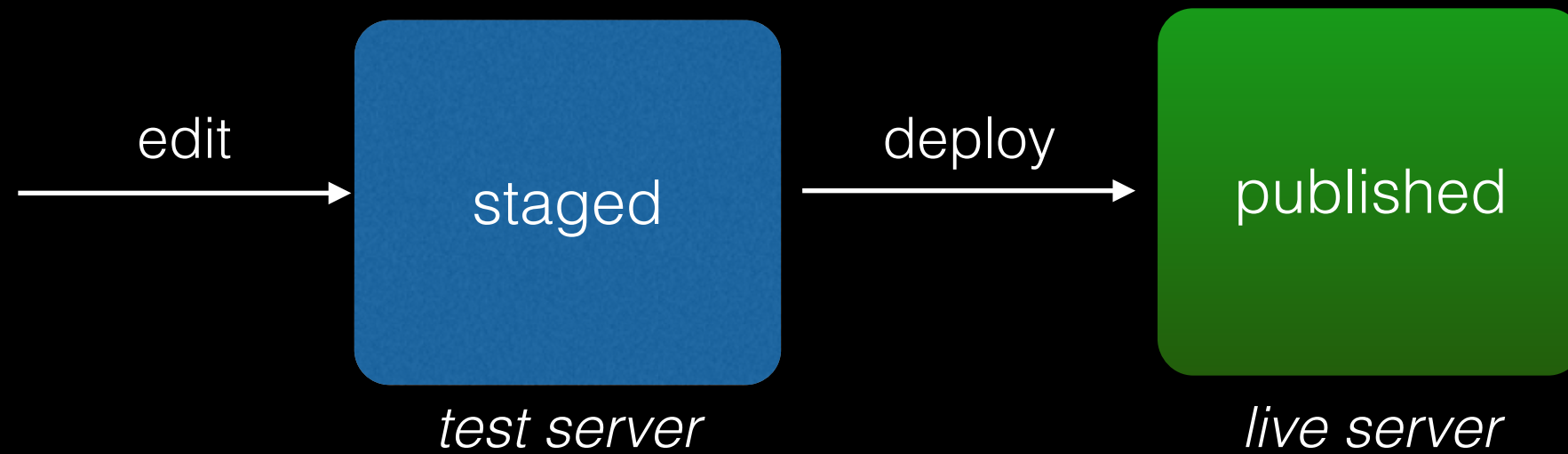


# Preview



- Drupal Preview
- Revisioning
- Workflow
- Workbench Moderation

# Staged

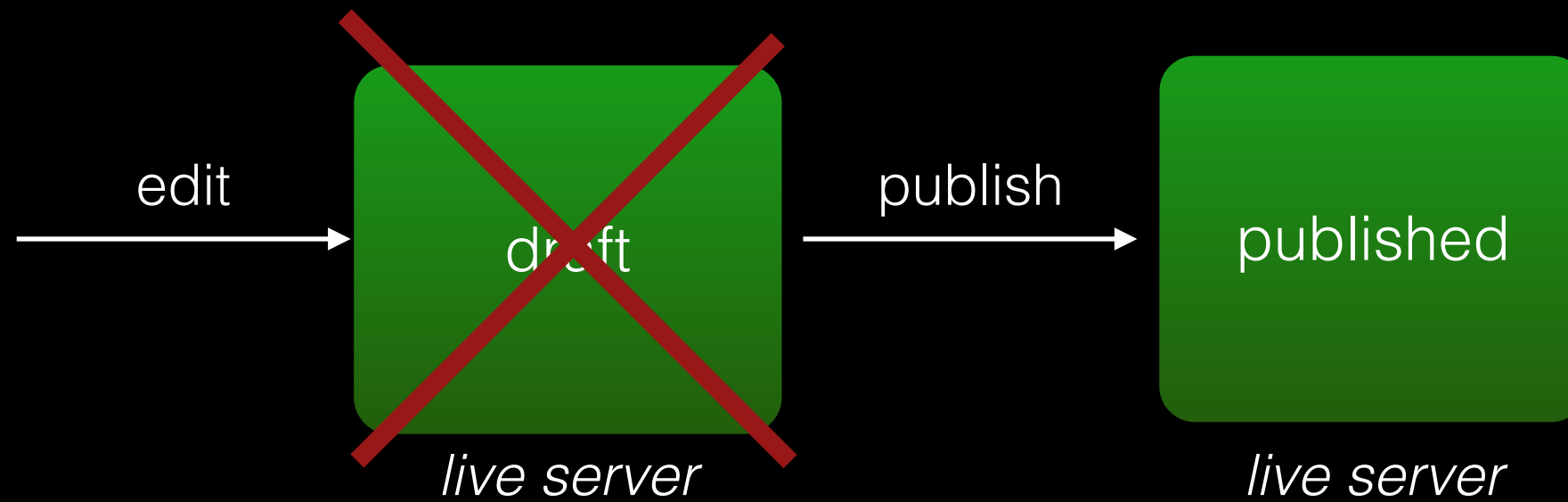


- Deploy

# Drupal Preview

<http://drupal.jmb.localhost/>

# Preview



# Drupal Preview

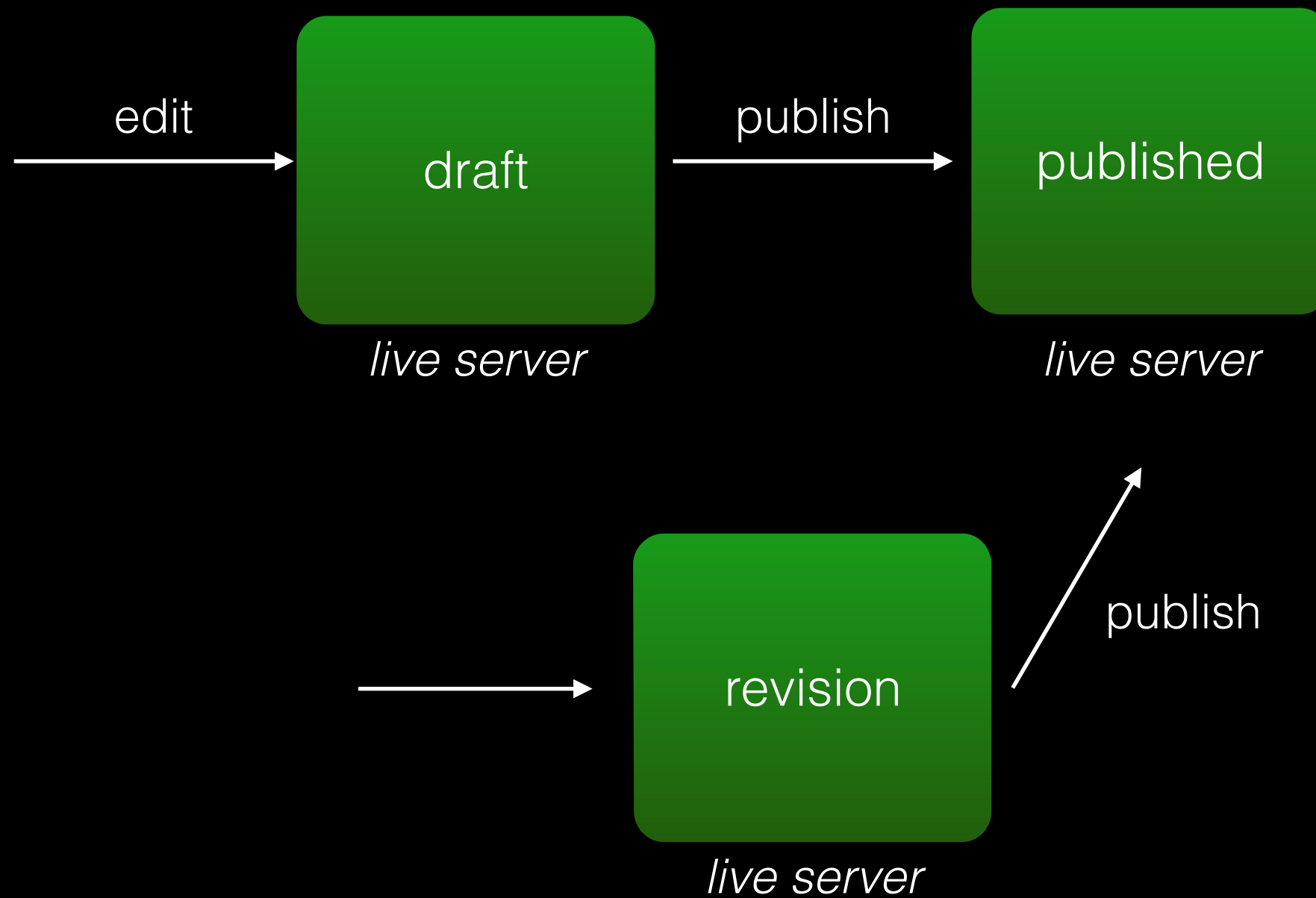
PROS	CONS
No Modules	Misleading
Intuitive	No Workflow

# Revisioning

<http://drupal-revisioning.jmb.localhost/>



# Revisioning

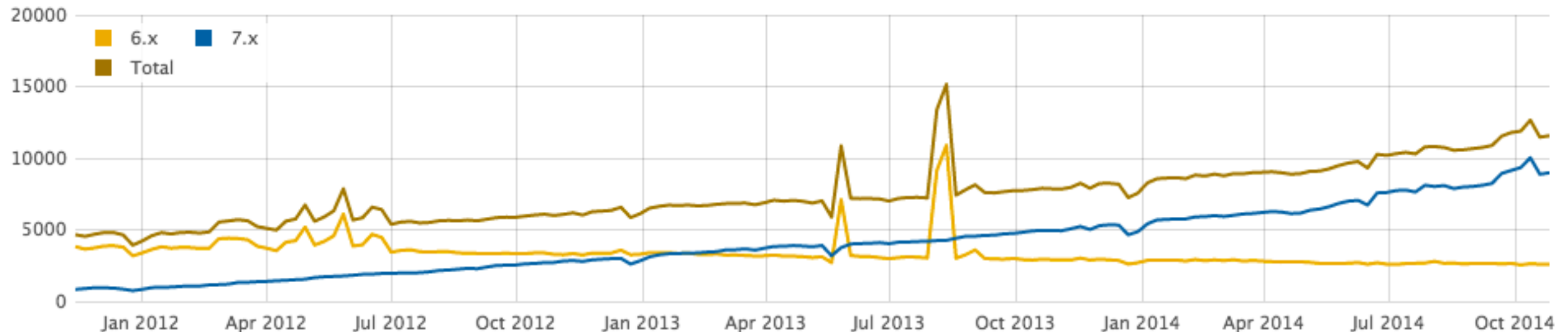


# Revisioning Setup

1. Enable Module

# Revisioning

Weekly project usage



## Maintainers for Revisioning

[RdeBoer](#) – 331 commits  
last: 4 months ago, first: 5 years ago  
[View all committers](#)  
[View commits](#)

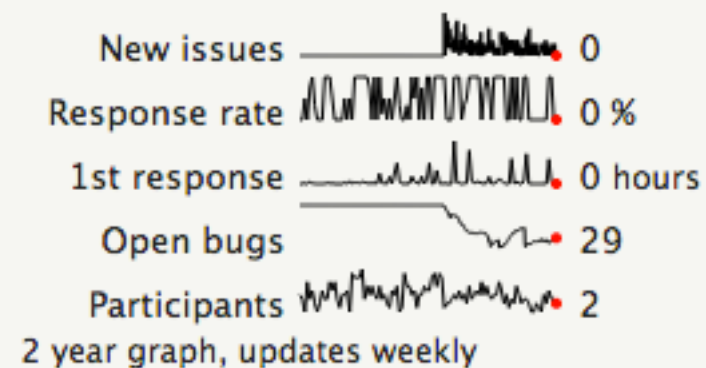
## All issues

46 open, 628 total

## Bug report

29 open, 300 total  
[Subscribe via e-mail](#)

## Statistics



was very active, 1 person, not many new updates

# Revisioning

PROS	CONS
1 module	A Bit Clunky
Accurate Preview	No Workflow
Stable	
Easy Setup	

# What is a workflow?

Idea

Draft

Approved Draft

Editor Approved  
Draft

Published

# Workflow

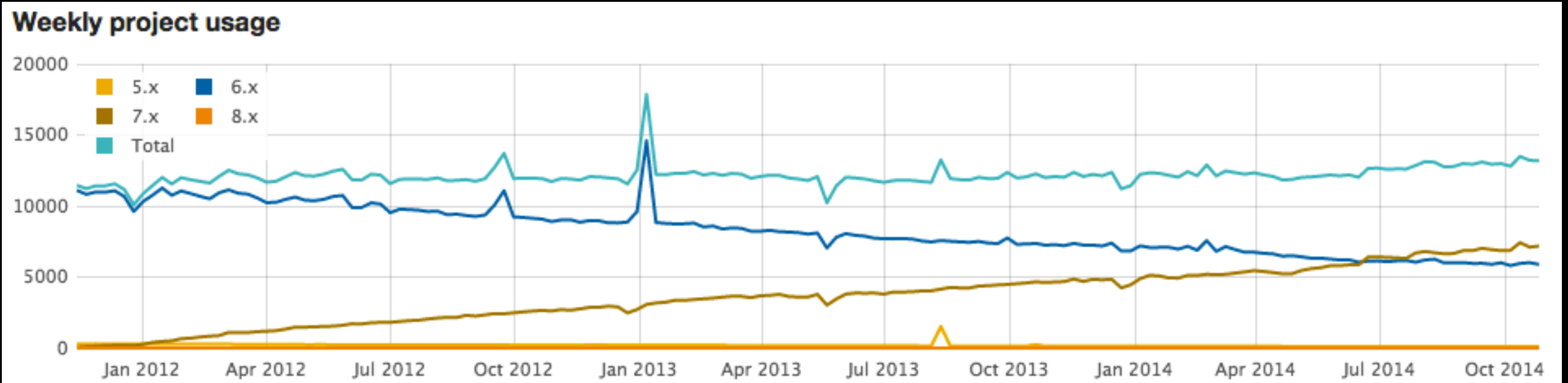
<http://drupal-workflow.jmb.localhost/>

# Workflow Setup

1. Enable Multiple Modules
2. Setup States
3. Setup Role Transitions
4. Add Workflow Field
5. Configure Complicated Rules



# Workflow



## Maintainers for Workflow

[johnv](#) – 479 commits  
last: 3 weeks ago, first: 1 year ago

[NancyDru](#) – 98 commits  
last: 1 year ago, first: 1 year ago

[Bastlynn](#) – 90 commits  
last: 1 year ago, first: 2 years ago

[jvandyk](#) – 170 commits  
last: 2 years ago, first: 9 years ago

[q0rban](#) – 9 commits  
last: 4 years ago, first: 4 years ago

[View all committers](#)

[View commits](#)

## All issues

77 open, 1450 total

## Bug report

14 open, 751 total


[Subscribe via e-mail](#)


## Statistics

New issues  4

Response rate  100 %

1st response  102 hours

Open bugs  14

Participants  5

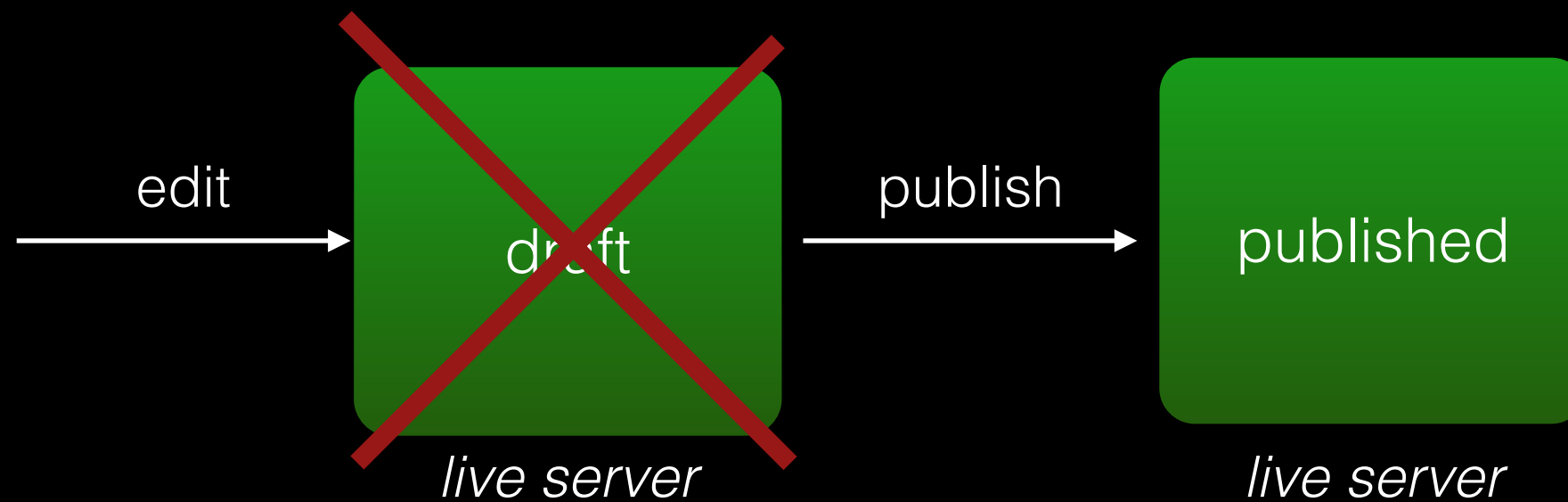
2 year graph, updates weekly

semi-active, kinda buggy, not growing

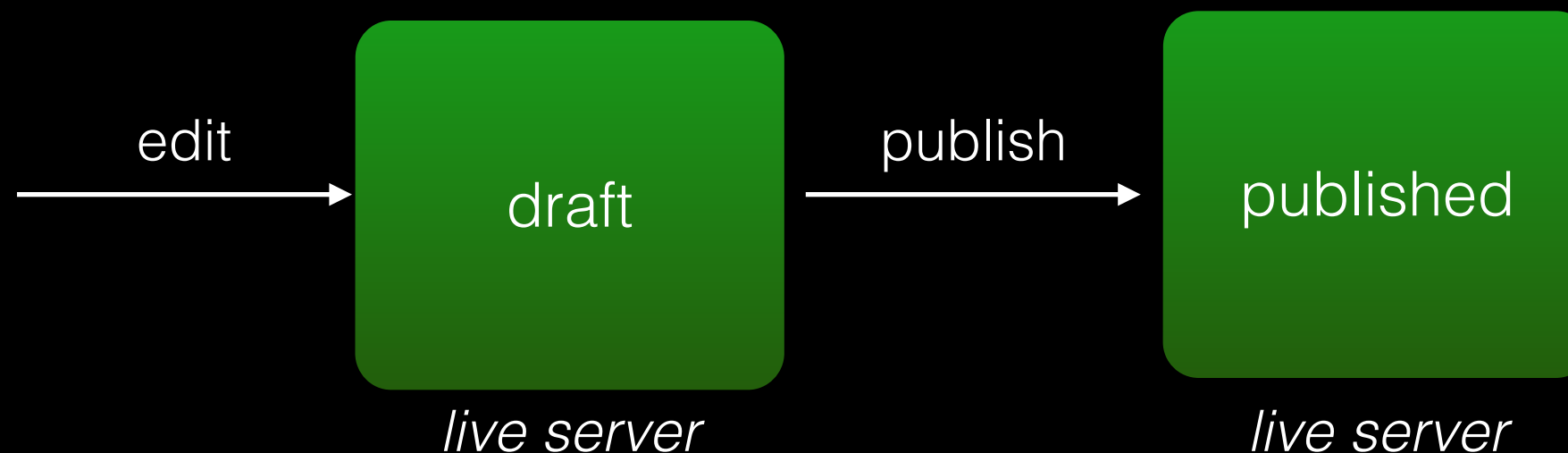
# Workflow

PROS	CONS
Extendible	Clunky & Buggy
Workflow States	No Preview
	Lots of Legacy Support
	Hard to Setup
	Multiple Modules (13)

# Workflow



# Workflow & Revisioning



# Workbench Moderation

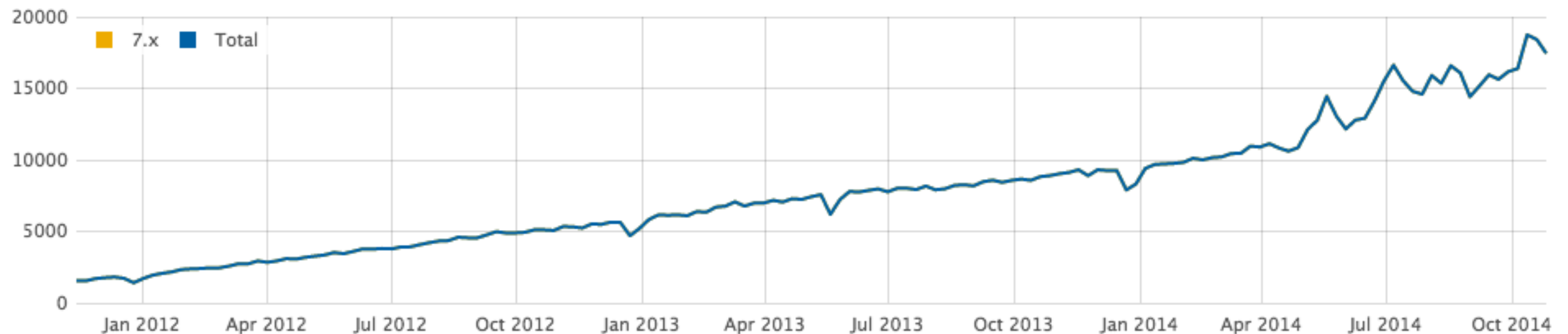
<http://drupal-workbench.jmb.localhost/>

# Workbench Moderation Setup

1. Enable Module
2. Setup States
3. Setup Transitions
4. Configure Content Type

# Workbench Moderation

## Weekly project usage



## Maintainers for Workbench Moderation

[das-peter](#) – 5 commits  
last: 1 month ago, first: 3 months ago

[srjosh](#) – 3 commits  
last: 4 months ago, first: 4 months ago

[Dave Reid](#) – 18 commits  
last: 1 year ago, first: 3 years ago

[stevector](#) – 231 commits  
last: 1 year ago, first: 3 years ago

[robeano](#) – 24 commits  
last: 1 year ago, first: 2 years ago

[View all committers](#)  
[View commits](#)

## All issues


330 open, 641 total

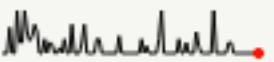
## Bug report

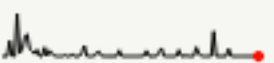
158 open, 301 total


[Subscribe via e-mail](#)


## Statistics

New issues  1

Response rate  0 %

1st response  0 hours

Open bugs  157

Participants  6

2 year graph, updates weekly

best stats, semi-active, lot-o-bugs

# Workbench Moderation

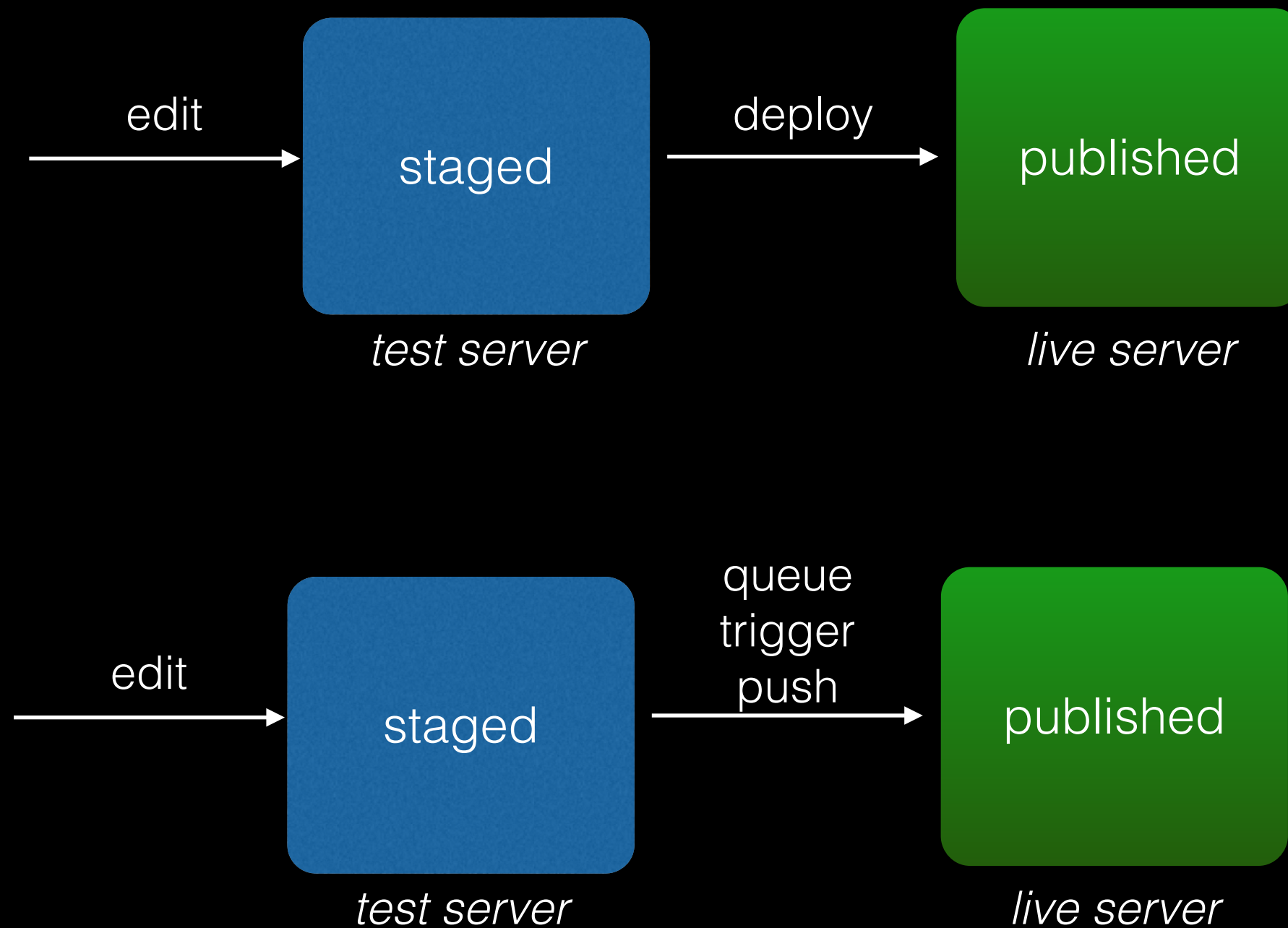
PROS	CONS
Extendible	Buggy in the Queue
Accurate Preview	One Transition Set for all Content Types
Intuitive	
1 Module	
Made for Drupal 7	



# Deploy

<http://drupal-deploy.jmb.localhost/>

# Staged



# Deploy Setup

## **Test Server**

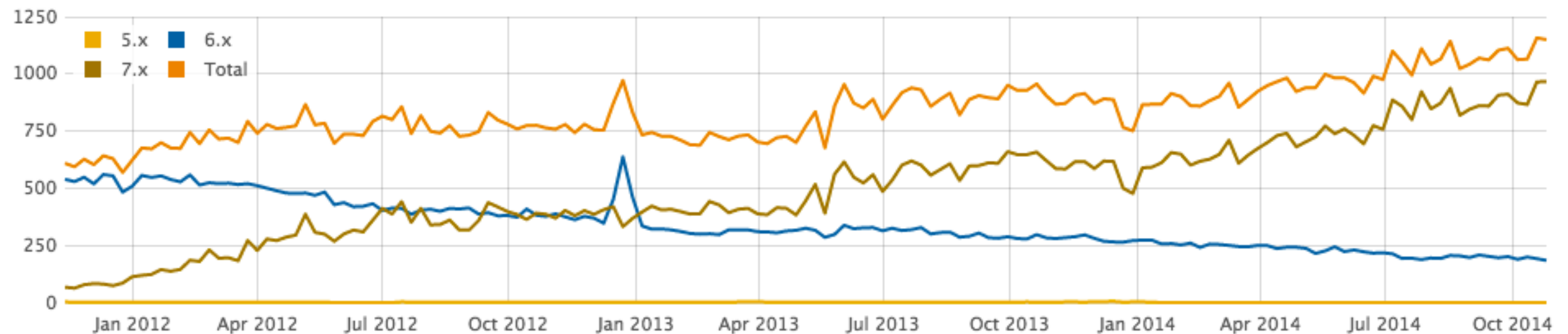
1. Enable Deployment Modules
2. Configure test server to push
3. Configure rules to push
4. Configure Content Types

## **Live Server**

1. Enable Services Module
2. Set up REST server

# Deploy

## Weekly project usage



## Maintainers for Deploy - Content Staging

[dixon\\_](#) - 181 commits  
last: 3 days ago, first: 4 years ago

[skwashd](#) - 25 commits  
last: 3 months ago, first: 2 years ago

[aspilicious](#) - 10 commits  
last: 2 years ago, first: 2 years ago

[neochief](#) - 7 commits  
last: 2 years ago, first: 2 years ago

[katbailey](#) - 22 commits  
last: 3 years ago, first: 3 years ago

[View all committers](#)  
[View commits](#)

## All issues


167 open, 403 total


## Bug report


69 open, 186 total

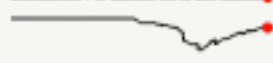
[Subscribe via e-mail](#)


## Statistics

New issues  0

Response rate  0 %

1st response  0 hours

Open bugs  69

Participants  5

2 year graph, updates weekly

not much usage, one bugs, active developers

# Deploy

PROS	CONS
Works as Intended	Harder to setup
Synchronizes Nodes	Doesn't Synchronize Field Collections
	Security Implications
	Dev Ops Process

Zariz

local/d7\_dev/live


live

Create branch

The Zariz Gazette

Behaviour and ecology

Submitted by admin on Fri, 12/20/2013 - 13:00




The Robin is diurnal, although has been reported to be active hunting insects on moonlit nights or near artificial light at night.[12] Well known to British and Irish gardeners, it is relatively unafraid of people and likes to come close when anyone is digging the soil, in order to look out for earthworms and other food freshly turned up. Indeed, the robin is considered to be a gardener's friend and for various folklore reasons the robin would never be harmed.

Debug


node ID	Title	Branch
5	Behaviour and ecology	live
4	American Robin	live
3	Canary Islands robin	live
2	European Robin	live

American Robin




The adult European Robin is 12.5–14.0 cm (5.0–5.5 in) long and weighs 16–22 g (9/16–13/16 oz), with a wingspan of 20–22 cm (8–9 in).

Canary Islands robin



The most distinct birds are those of Gran Canaria (E. r. marionae) and Tenerife (E. r. superbus), which may be considered two distinct species or at least two different subspecies.

European Robin



The European Robin (Erithacus rubecula), most commonly known in Anglophone Europe simply as the Robin, is a small insectivorous passerine bird that was formerly classed as a member of the thrush fa



←

→

↺

local/d7\_dev/live/node/add/branch

🔍

☆

🛑

☰

live

Create branch

Add content / Create Branch

Create Branch

Name \*

New Robin

Save

Preview

# The Zariz Gazette

## Behaviour and ecology

*Submitted by admin on Fri, 12/20/2013 - 13:00*



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## Debug

node ID	Title	Branch
5	<a href="#">Behaviour and ecology</a>	live
4	<a href="#">American Robin</a>	live
3	<a href="#">Canary Islands robin</a>	live
2	<a href="#">European Robin</a>	live

- [American Robin](#)



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- [Canary Islands robin](#)



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- [European Robin](#)



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local/d7\_dev/new-robin/node/add/article

live

New Robin

No content

Create branch

Add Article

Add content / Create Article

Create Article

Title \*


Robin Hood


Body [\(Edit summary\)](#)

Robin Hood (spelled Robyn ~~Hode~~ in older manuscripts) is a heroic outlaw in English folklore, a highly skilled archer and swordsman. Although such behaviour was not part of his original character, since the beginning of the 19th century[1] he has become known for "robbing from the rich and giving to the poor"

Tags

Image



 robin-hood.jpg (273.74 KB)

Remove

Alternate text

Save

Preview



local/d7\_dev/new-robin

live

New Robin

Merge New Robin to live


Create branch

Add Article

The Zariz Gazette

Robin Hood

Submitted by crusli on Tue, 12/24/2013 - 22:25




Robin Hood (spelled Robyn Hode in older manuscripts) is a heroic outlaw in English folklore, a highly skilled archer and swordsman. Although such behaviour was not part of his original character, since the beginning of the 19th century[1] he has become known for "robbing from the rich and giving to the poor"

Debug


node ID	Title	Branch
7	Robin Hood	New Robin
5	Behaviour and ecology	live
4	American Robin	live
3	Canary Islands robin	live

Behaviour and ecology




The Robin is diurnal, although has been reported to be active hunting insects on moonlit nights or near artificial light at night.[12] Well known to British and Irish gardeners, it is relatively un

American Robin




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Canary Islands robin



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European Robin



The European Robin (Erithacus rubecula), most commonly known in Anglophone Europe simply

local/d7\_dev/new-robin/node/add/branch

live » [New Robin](#)

[Merge New Robin to live](#)

[Create branch](#)

[Add Article](#)

[Add content](#) / [Create Branch](#)

Create Branch

Name \*

Even Newer Robin

Save

Preview

# Create Article

Title \*

Robin & Batman

Body ([Edit summary](#))

Robin is a real boy, a superhero in the DC Comics universe. Robin has long been a fixture in the Batman comic books as Batman's partner. The team of Batman and Robin is commonly referred to as the Dynamic Duo or the Caped Crusaders. Conceived as a vehicle to attract young readership, Robin garnered overwhelmingly positive critical reception, doubling the sales of the Batman related comic books. [1] Dick Grayson appeared as the first Robin in 1940; after his becoming of Nightwing, several different youths have appeared as Robin.

Tags

Image



 [robin-tv-batman.jpg](#) (161.19 KB)

[Remove](#)

Alternate text

[Save](#)

[Preview](#)



←

→

↺

local/d7\_dev/even-newer-robin

🔍

☆

🛑

☰

live


New Robin

Even Newer Robin

Merge Even Newer Robin to New Robin

Create branch

Add Article




Robin is a real boy, a superhero in the DC Comics universe. Robin has long been a fixture in the Batman comic books as Batman's partner. The team of Batman and Robin is commonly referred to as the Dynamic Duo or the Caped Crusaders. Conceived as a vehicle to attract young readership, Robin garnered overwhelmingly positive critical reception, doubling the sales of the Batman related comic books.[1] Dick Grayson appeared as the first Robin in 1940; after his becoming of Nightwing, several different youths have appeared as Robin.

## Debug

node ID	Title	Branch
9	<a href="#">Robin &amp; Batman</a>	<a href="#">Even Newer Robin</a>
7	<a href="#">Robin Hood</a>	<a href="#">New Robin</a>
5	<a href="#">Behaviour and ecology</a>	<a href="#">live</a>
4	<a href="#">American Robin</a>	<a href="#">live</a>
3	<a href="#">Canary Islands robin</a>	<a href="#">live</a>


Robin Hood (spelled Robyn Hode in older manuscripts) is a heroic outlaw in English folklore, a highly skilled archer and swordsman.

- [Behaviour and ecology](#)




The Robin is diurnal, although has been reported to be active hunting insects on moonlit nights or near artificial light at night.[12] Well known to British and Irish gardeners, it is relatively un

- [American Robin](#)




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- [Canary Islands robin](#)



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- [European Robin](#)



The European Robin (*Erithacus rubecula*), most commonly known in Anglophone Europe simply as the Robin, is a small insectivorous passerine bird that was formerly classed as a member of



# The Zariz Gazette

## Robin & Batman

Submitted by [crusli](#) on Tue, 12/24/2013 - 22:28



Robin is a real boy, a superhero in the DC Comics universe. Robin has long been a fixture in the Batman comic books as Batman's partner. The team of Batman and Robin is commonly referred to as the Dynamic Duo or the Caped Crusaders. Conceived as a vehicle to attract young readership, Robin garnered overwhelmingly positive critical reception, doubling the sales of the Batman related comic books.[1] Dick Grayson appeared as the first Robin in 1940; after his becoming of Nightwing, several different youths have appeared as Robin.

## Debug

node ID	Title	Branch
10	<a href="#">Robin &amp; Batman</a>	<a href="#">New Robin</a>

- [Robin Hood](#)



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- [Behaviour and ecology](#)



The Robin is diurnal, although has been reported to be active hunting insects on moonlit nights or near artificial light at night.[12] Well known to British and Irish gardeners, it is relatively un

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- [Canary Islands robin](#)



The most distinct birds are those of Gran Canaria (*E. r. marionae*) and Tenerife (*E. r.*



[live](#) [Create branch](#)

## Robin & Batman

Submitted by crusli on Tue, 12/24/2013 - 22:28



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## Debug

node ID	Title	Branch
12	<a href="#">Robin &amp; Batman</a>	live
11	<a href="#">Robin Hood</a>	live
5	<a href="#">Behaviour and ecology</a>	live
4	<a href="#">American Robin</a>	live

- [Robin Hood](#)



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- [European Robin](#)



## Weekly project usage



### Maintainers for Zariz

[Amitaibu](#) – 145 commits  
last: 7 months ago, first: 11 months ago

[View all committers](#)

[View commits](#)

No Issue Queue

Easy to Use

Preview

Workbench  
Moderation

Revisioning

Workflow

Complicated  
Setup

Easy  
Setup

Deploy

Zariz

Hard to Use

Less Security Implications

Preview

Workbench  
Moderation

Revisioning

Workflow

Less  
Extendible

Extendible

Deploy

Zariz

Security Implications

Newest

Zariz

Workbench  
Moderation

Revisioning

Least  
Usage

Most  
Usage

Deploy

Workflow

Preview

Oldest

**Default Winner**

Workbench Moderation

**Super Extendible Workflow**

Workflow & Revisioning

**No live staging**

Deploy

**Royals Fan**

Zariz

Start Simple

Thank You!