



# DevShop

Drupal Infrastructure in a Box

**Jon Pugh**

CEO, Founder

ThinkDrop Consulting

Brooklyn NY



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# Who?

## Jon Pugh

Building the web since 1997.

Building web apps since 2000.

Building Drupal since 2004.

## ThinkDrop Consulting

Founded in 2009 in Brooklyn NY.

100% Drupal and related.

Focus on hard problems:  
Migrations, Integrations,  
Security, Permissions, and  
Infrastructure.

# What?

## "Drupal Infrastructure"

1. "Hardware" infrastructure: The computers physically storing and processing your sites and data.
2. Software Infrastructure: The software tools that make Drupal possible: Linux, Apache, MySQL, PHP.
3. Drupal Infrastructure: All of the above, plus scripts and tools to manage Drupal sites and data.

# What?

## DevShop

*Open Source  
Drupal  
Infrastructure  
Management  
System*

# IMS

# What?

# IMS

*A Drupal Infrastructure Management System:*

- 1. Provides a web and API interface for managing multiple environments and servers for Drupal sites.**
- 2. Automates Drupal site provisioning.**
- 3. Integrates with version control systems.**

# What?

# IMS

*Most Drupal IMS are:*

1. Only available as a service.
2. Locked into a single hardware provider.
3. Expensive.
4. Servers are automatically provisioned.



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# What?

# IMS

*DevShop*

1. Is free and open source software.
2. Can be installed on any Linux server.
3. Does not automatically provision servers.
4. Does not tell you how to configure your server.



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# What?

**DevShop is built on Aegir.**

*Automating Drupal Hosting since circa 2004.*

Aegir handles:

- Provisioning database, db users, and grants.
- Creates VirtualHost config files.
- Creates settings.php, files folders, sets permissions.
- Allows deployment to multiple servers.





# What?

**DevShop is built on Aegir.**

*Enhancing Aegir since February 2012*

DevShop adds to Aegir:

- Uses Git to deploy Drupal sites.
- Provides extra tools to Pull Code, Sync Data, etc.
- Friendly add-on features for efficient development.



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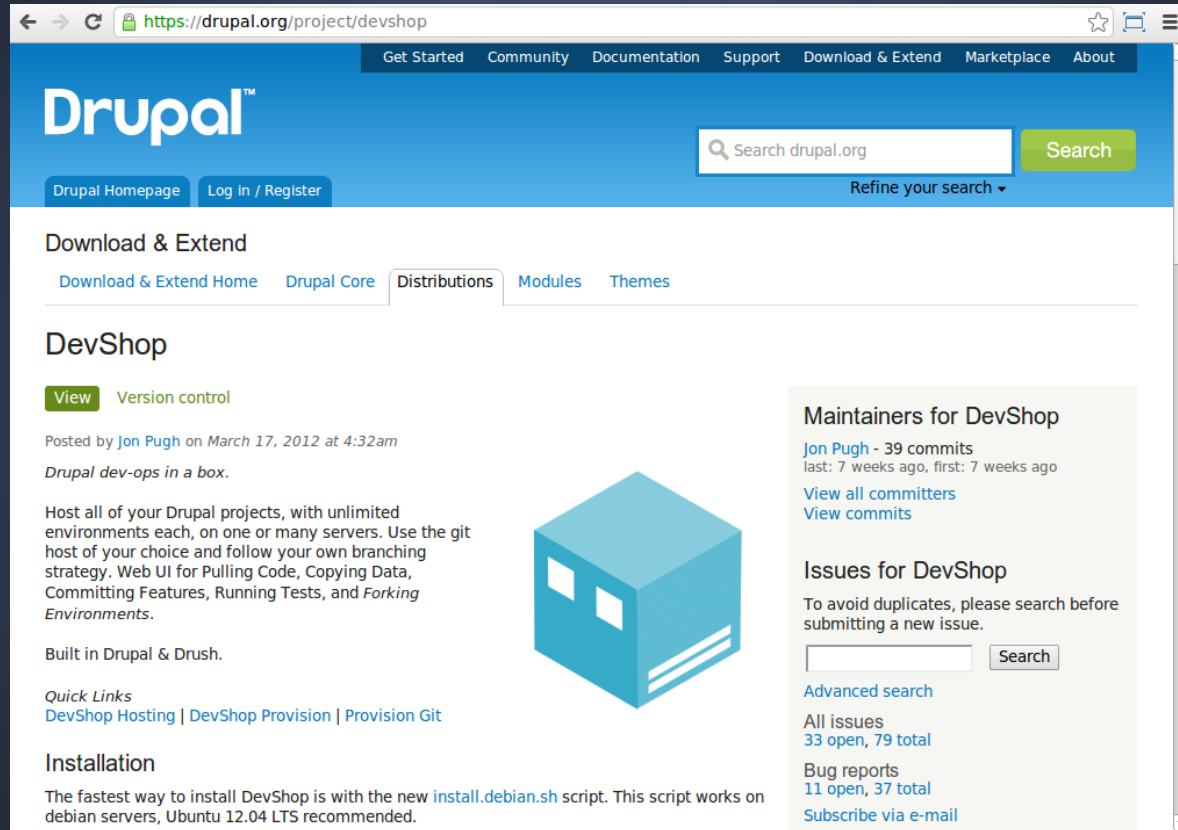
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# Where?



The screenshot shows the Drupal.org website interface. At the top, there's a navigation bar with links: Get Started, Community, Documentation, Support, Download & Extend, Marketplace, and About. The main header features the Drupal logo and a search bar. Below the header, there are tabs for 'Download & Extend Home', 'Drupal Core', 'Distributions', 'Modules', and 'Themes'. The 'Distributions' tab is active, showing the 'DevShop' distribution. A 'View' button is next to 'Version control'. The main content area includes a post by Jon Pugh from March 17, 2012, describing DevShop as a tool for hosting Drupal projects. A blue cube icon with two windows is shown. To the right, there are sections for 'Maintainers for DevShop' (listing Jon Pugh) and 'Issues for DevShop' (with a search box and statistics).

<http://drupal.org/project/devshop>



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# DevShop

## Installation



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# How?

<http://drupal.org/project/devshop>

1. Get a (preferably short) domain name.
2. Get a Server and set the hostname to be the domain name. Use Ubuntu 12.04 LTS.
3. Add a DNS record for your domain and IP, *plus* a wildcard record:

```
ourdevshop.com. IN A 1.2.3.4  
*.ourdevshop.com. IN A 1.2.3.4
```

4. 

```
wget http://getdevshop.com/install.ubuntu  
sudo sh install.ubuntu
```



Congratulations, DEVSHOP has now been installed.

You should now log in to the DEVSHOP Frontend by opening the following link in your

<http://devshop/user/reset/1/1373398281/8a5228302d8d2b8bcde294f76b822d4a>

=====  
Stopping supervisor: supervisord.

Starting supervisor: supervisord.

devshop\_public\_key was set to ssh-rsa

AAAAB3NzaC1yc2EAAAADAQABAAQCaGabywvUii7ADm2Koc2GSRivEUGlegGEDeNMLI9EzNfdTjyHtUPyN

BK+1BPsw/9X0cEKa4lbamD0f+4F6VLPjfxsYDbmQDodoqNk+wALblBgR80GQao+AxQtfEVGHsgI/W04H22

id8z0njuTQ4L7hizlLmS02g0Gm6EDGr1rtQVJQTjkmZgUbvZ4VcnMiIqtkyNWHwfb2BdJwPG13qMS8TUKA21

TBgAGEz9xZha3RaWd0lZd

aegir@devshop.

=====  
Your MySQL root password was set as nI7aTTRqf7drDmQlqa9Yp7G5yNCWbsR0

This password was saved to /tmp/mysql\_root\_password

You might want to delete it or reboot so that it will be removed.

An SSH keypair has been created in /var/aegir/.ssh

Supervisor is running Hosting Queue Runner.

=====  
Welcome to DevShop!

Use the link above to login to your DevShop

You should now reboot your server.



0 active tasks.

Home

# Reset password

This is a one-time login for *admin* and will expire on *Wed, 07/10/2013 - 19:31*.

Click on this button to login to the site and change your password.

This login can be used only once.

[Log In](#)



You have just used your one-time login link. It is no longer necessary to use this link to login. Please change your password.

# admin

View Edit

## Account information

**Username:** \*

admin

Spaces are allowed; punctuation is not allowed except for periods, hyphens, and underscores.

**E-mail address:** \*

webmaster@devshop

A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

**Password:**

**Confirm password:**



0 active tasks.

Home

Projects | Servers | Log out

# Projects

All Projects | Start a new Project

You have no projects.

Create your first Project

CREATED BY  
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POWERED BY  
ÆGIR

Drupal



# DevShop

Create your first project.



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0 active tasks.

Home

Projects Servers Log out

# Projects

All Projects Start a new Project

You have no projects.

Create your first Project

CREATED BY  
THINKDROP  
CONSULTING

POWERED BY  
ÆGIR

Drupal



# Projects

All Projects Start a new Project

You have your Drupal site in a git repo, don't you?

Step 1: Source » Step 2: Environment Step 3: Install Profile

Git URL: \*

Enter the Git URL for your drupal project. The root of the repo must contain Drupal's index.php. A clone of <http://git.drupal.org/project/drupal.git> is a good place to start.

Project Code Name: \*

Choose a unique name for your project. For consistency, its a good idea to use the name of your git repository. *NOTE: You cannot change this, but you can delete and start over.Choose wisely.*

Repository Access: If you haven't granted this server access to your Git repository, you should do so now using it's [public SSH key](#).

Cancel



Next



DevShop

0 active tasks.

Home » Projects

Projects Servers Log out

# Projects

All Projects Start a new Project

Step 1: Source » Step 2: Environments » Step 3: Install Profile

Git URL: \*

Enter the Git URL for your drupal project. The root of the repo must contain Drupal's index.php. A clone of <http://git.drupal.org/project/drupal.git> is a good place to start.

Project Code Name: \*

Choose a unique name for your project. For consistency, its a good idea to use the name of your git repository. *NOTE: You cannot change this, but you can delete and start over. Choose wisely.*

Repository Access:   
If you haven't granted this server access to your Git repository, you should do so now using it's public SSH key.

Cancel

This server's Public SSH Key. Add to your Git repository account so the server can access your repo.

Next



1 active task.

# Projects

All Projects Start a new Project

Step 1: Source » **Step 2: Environments** » Step 3: Install Profile

Please wait while we connect to your repository and determine any branches.



Back Cancel

```
git ls-remote git@github.com:thinkdrop/drupal-flat.git
```



DevShop

0 active tasks.

Home » Projects

Projects Servers Log out

# Projects

All Projects Start a new Project

Step 1: Source » **Step 2: Environments** » Step 3: Install Profile

Environment Name	Visible Error Logs	Git Branch	Web server	Database server	Pull on Commit
<input type="text" value="Name this environment..."/>	<input type="checkbox"/>	dev ▼	devshop ▼	localhost ▼	<input type="checkbox"/>

Create as many new environments as you would like. For example: "dev", "test", and "live"

Add environment

Back Cancel

Next



DevShop

0 active tasks.

Home » Projects

Projects

Servers

Log out

# Projects

All Projects

Start a new Project

## Step 3: Install Profile

Name your environments

Extensible per-environment Settings

Pick your Git Branches

Choose Servers

Pull Code on Commit

Name	Visible Error Logs	Git Branch	Web server	Database server	Pull on Commit
dev	<input checked="" type="checkbox"/>	dev	devshop	localhost	<input checked="" type="checkbox"/>
test	<input type="checkbox"/>	test	devshop	localhost	<input type="checkbox"/>
live	<input type="checkbox"/>	live			<input type="checkbox"/>
Name this environment...	<input type="checkbox"/>	dev	devshop	localhost	<input type="checkbox"/>

Create as many new environments as you would like. For example: "dev", "test", and "live"

Add environment

Back

Cancel

Next



Cloning your repo to each of your environments.

3 active tasks.

- Verify [nycdevshop\\_live](#)
- Verify nycdevshop\_test
- Verify nycdevshop\_dev

TASKS LOGS

Home » Projects

# Projects

All Projects Start a new Project

## Step 1: Source » Step 2: Environments » Step 3: Install Profile

Name	Branch	Version	Install Profiles	Status
dev	dev	...	...	Queued
live	live	...	...	Queued
test	test	...	...	Queued

Please wait while we download and verify your drupal code.



```
git clone git@github.com:thinkdrop/drupal-flat.git --branch dev
```





DevShop

0 active tasks.

Home » Projects

Projects Servers Log out

# Projects

All Projects Start a new Project

## Step 1: Source » Step 2: Environments » Step 3: Install Profile

Name	Branch	Version	Install Profiles	Status
dev	dev	7.17	Testing, Standard, Minimal	Successful
live	live	7.17	Testing, Standard, Minimal	Successful
test	test	7.17	Testing, Standard, Minimal	Successful

Project Install Profile: \*

- Testing
- Standard
- Minimal

Once cloned, DevShop analyzes your Drupal code.

All sites in your project must use the same installation profile, and it must exist in all branches. Choose the installation profile for this project.

Back Cancel

Finish





3 active tasks.

Your project has been created. Once installed, your sites will be available.

# DevShop Project nycdevshop

Dashboard Settings

Submitted by admin on Tue, 07/09/2013 - 19:37

Git URL:

Remote Branches:

[Refresh branches](#)

Install profile:

Task	Actions
✓ Verify Project	<input type="button" value="View"/> <input type="button" value="Run"/>
Pull Code	<input type="button" value="View"/> <input type="button" value="Run"/>
Sync Data	<input type="button" value="View"/> <input type="button" value="Run"/>

## Environments

[Create New Environment](#)

<input type="button" value="dev"/>	dev.nycdevshop.devshop	<input type="button" value="dev"/>	Commits	Errors	Files	▼ Actions
<input type="button" value="live"/>	live.nycdevshop.devshop	<input type="button" value="live"/>	Commits	Errors	Files	▼ Actions

# BACKEND MAGIC

## MYSQL:

```
CREATE USER 'devnycdevshop'; CREATE DATABASE 'devnycdevshop';  
GRANT PERMISSIONS;
```

## APACHE:

Create <virtualhost> entry.

## DRUPAL:

Create settings.php and files folders.

## DRUSH:

Create drush site alias.  
Install Drupal.

# FOR ALL ENVIRONMENTS



Home

### User login

**Username \***

**Password \***

- [Create new account](#)
- [Request new password](#)

Log in

## Welcome to dev.nyccamp.devshop

No front page content has been created yet.

# DevShop

Project Dashboard



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DevShop

0 active tasks.

Home » Projects

Projects Servers Log out

# DevShop Project nycdevshop

Dashboard Settings

Submitted by Anonymous on Tue, 07/09/2013 - 20:21

Git URL:

Remote Branches: dev dev-jon live  
master nyctmp test

Refresh branches

Install profile: standard

Last Commit: 3 hours ago

Git & Project Information

Available Tasks

Task	Actions
✓ Verify Project	<a href="#">View</a> <a href="#">Run</a>
Pull Code	<a href="#">View</a> <a href="#">Run</a>
Sync Data	<a href="#">View</a> <a href="#">Run</a>

Environments

Environments [Create New Environment](#)

<span>dev</span>	Log in: dev.nycdevshop.devshop	<span>dev</span>	Commits	Errors	Files	▼ Actions
<span>live</span>	Log in: live.nycdevshop.devshop	<span>live</span>	Commits	Errors	Files	▼ Actions
<span>test</span>	Log in: test.nycdevshop.devshop	<span>test</span>	Commits	Errors	Files	▼ Actions

Dashboard

Settings

Project Settings

Submitted by Anonymous on Tue, 07/09/2013 - 20:21

Git URL:

git@github.com:thinkdrop

Easy-to-copy git URL

Remote Branches:

dev

dev-jon

live

master

nyctmp

test

Available git branches

Refresh branches

Install profile:

standard

Last Commit:

3 hours ago

Last automatic Git Pull

Links

Git Branch

Commit Logs

Error Logs

File Browser

New Envs

### Environments

dev

dev.nycdevshop.devshop

dev

live

Log in: live.nycdevshop.devshop

live

test

Log in: test.nycdevshop.devshop

test

EVEN MORE  
THINGS

### ▼ Actions

Fork environment

Flush all caches

Reset password

Backup

Restore Backups

Disable

Site Dashboard

Platform Dashboard



Task	Actions
✓ Verify Project	View
Commit Feature	View
	Run
an Tests	View
	Run

View Task  
Logs

**MORE ON THIS LATER...**



DevShop

0 active tasks.

Home » Projects

Projects Servers Log out

# DevShop Project nycdevshop

Dashboard Settings

Submitted by Anonymous on Tue, 07/09/2013 - 20:21

Git URL:

Remote Branches: dev dev-jon live  
master nyctmp test

[Refresh branches](#)

Install profile: standard

Last Commit: 3 hours ago

Task	Actions
✓ Verify Project	<a href="#">View</a> <a href="#">Run</a>
Pull Code	<a href="#">View</a> <a href="#">Run</a>
Sync Data	<a href="#">View</a> <a href="#">Run</a>

## Environments

[Create New Environment](#)

<span>dev</span>	Log in: <a href="#">dev.nycdevshop.devshop</a>	<span>dev</span>	Commits	Errors	Files	▼ Actions
<span>live</span>	Log in: <a href="#">live.nycdevshop.devshop</a>	<span>live</span>	Commits	Errors	Files	▼ Actions
<span>test</span>	Log in: <a href="#">test.nycdevshop.devshop</a>	<span>test</span>	Commits	Errors	Files	▼ Actions

# DevShop

Connect your Git Repo

*"Auto-pull!"*



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### Environment Settings

Environment	Visible Error Logs	Git Branch	Web server	Database server	Pull on Commit
dev	<input checked="" type="checkbox"/>	dev ▼	devshop ▼	localhost ▼	<input checked="" type="checkbox"/>
test	<input checked="" type="checkbox"/>	test ▼	devshop ▼	localhost ▼	<input type="checkbox"/>
live	<input type="checkbox"/>	live ▼	devshop ▼	localhost ▼	<input type="checkbox"/>

### Git Settings

#### Automatic Git Pull Method:

- Pull disabled.
- Pull on queue (every minute).
- Pull on URL Callback (ie. GitHub Webhook)

Choose the method of regularly calling "Pull Code". See [Hosting > Queues](#) to configure the queue. See [Hosting > DevShop Pull Settings](#) to configure URL Callback.

#### Pull Trigger URL:

Configure your repo to hit this URL when it receives a commit.

#### Live domain:

The live domain. If you still do not know you can input it later.

[Delete this project](#)

# thinkdrop / drupal-flat

forked from devudo/drupal-flat

Unwatch Star 0 Fork 2

- Options
- Collaborators
- Service Hooks**
- Deploy Keys

## Available Service Hooks

- WebHook URLs (1)** ✓
- ActiveCollab
- Acunote
- AgileBench
- AgileZen
- AmazonSNS
- Apiary
- Apoio
- AppHarbor
- Apropos
- Asana
- Backlog
- Bamboo
- BasecampClassic
- Basecamp
- Blimp
- Boxcar
- buddycloud (GitHub plugin)

## WebHook URLs

URL (remove)

http://devshop/devshop/pull/project\_nycdevshop/3fe36766dabd0d

URL (remove)

Add another webhook URL

Test Hook Update settings

We'll hit these URLs with POST requests when you push to us, passing along information about the push. More information can be found in the [Post-Receive Guide](#).

The Public IP addresses for these hooks are: 204.232.175.64/27, 192.30.252.0/22.

1. Git host receives a commit.  
2. Git host pings your DevShop.  
3. DevShop runs "Pull Code".  
4. Drupal caches are cleared.

Doesn't run update.php or revert all features. Don't automate those things.

1 active task.

Projects Servers Log out

Submitted by Anonymous on Tue, 07/09/2013 - 20:07

Git URL:

Remote Branches:

[Refresh branches](#)

Install profile:

Last Commit:

Task	Actions
Pull Code	<input type="button" value="View"/> <input type="button" value="Run"/>
Verify Project	<input type="button" value="View"/> <input type="button" value="Run"/>
Sync Data	<input type="button" value="View"/> <input type="button" value="Run"/>

Environments [Create New Environment](#)

<input type="button" value="dev"/>	<a href="#">Log in: dev.nycdevshop.devshop</a>	<input type="button" value="dev"/>	<a href="#">Commits</a>	<a href="#">Errors</a>	<a href="#">Files</a>	<a href="#">Actions</a>
<input type="button" value="live"/>	<a href="#">Log in: live.nycdevshop.devshop</a>	<input type="button" value="live"/>	<a href="#">Commits</a>	<a href="#">Errors</a>	<a href="#">Files</a>	<a href="#">Actions</a>
<input type="button" value="test"/>	<a href="#">Log in: test.nycdevshop.devshop</a>	<input type="button" value="test"/>	<a href="#">Commits</a>	<a href="#">Errors</a>	<a href="#">Files</a>	<a href="#">Actions</a>

# DevShop

Tasks, not Scripts



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# "Tasks"

Task	Actions	
✓ Verify Project	<a href="#">View</a>	<a href="#">Run</a>
Commit Features	<a href="#">View</a>	<a href="#">Run</a>
Pull Code	<a href="#">View</a>	<a href="#">Run</a>
Sync Data	<a href="#">View</a>	<a href="#">Run</a>
Run Tests	<a href="#">View</a>	<a href="#">Run</a>

- Front-end interface to backend commands.
- Drupal module + a drush command working together.

```
drush @project_name provision-devshop-commit  
drush @project_name provision-devshop-pull  
drush @project_name provision-devshop-sync  
drush @project_name provision-devshop-test
```



# "Tasks"

Are you sure you want to devshop-commit nycdevshop?

Recreates all Features and commits the result.

**Environment:**

dev  
 test  
 live

Choose the environment to commit features from.

---

**Commit Message:**

A message describing this commit. To see a diff output off all of the features, enable the Features Diff module for this site, Verify the site, and select this task again.

---

Push code after commit?

---

Force revert features after commit?

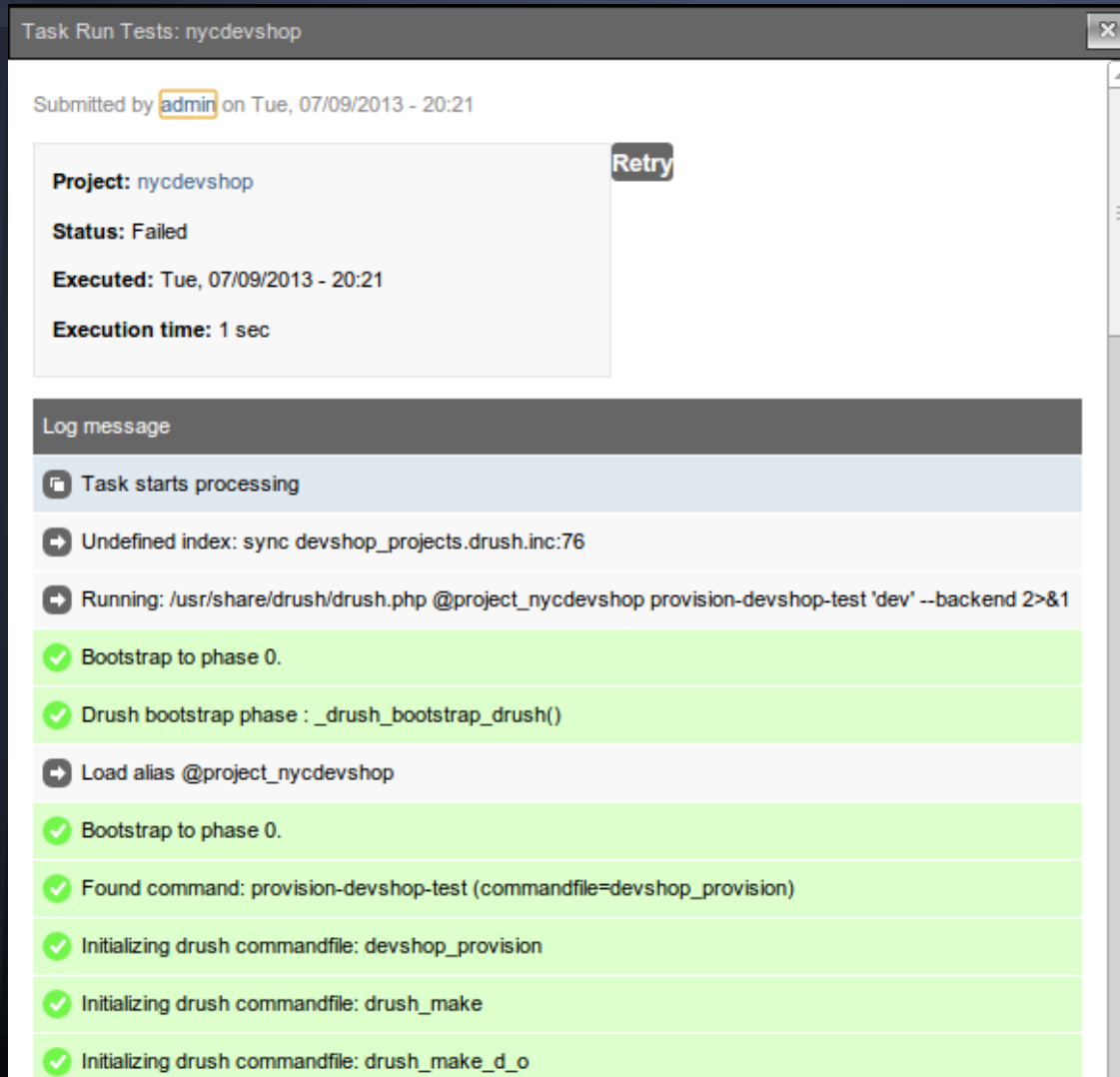
---

**Commit Features** Cancel

- Drupal forms become drush options.

```
drush @project_name provision-devshop-commit dev --message="Features Export!" --push --revert
```

# "Tasks"



Task Run Tests: nycdevshop

Submitted by [admin](#) on Tue, 07/09/2013 - 20:21

**Project:** nycdevshop Retry

**Status:** Failed

**Executed:** Tue, 07/09/2013 - 20:21

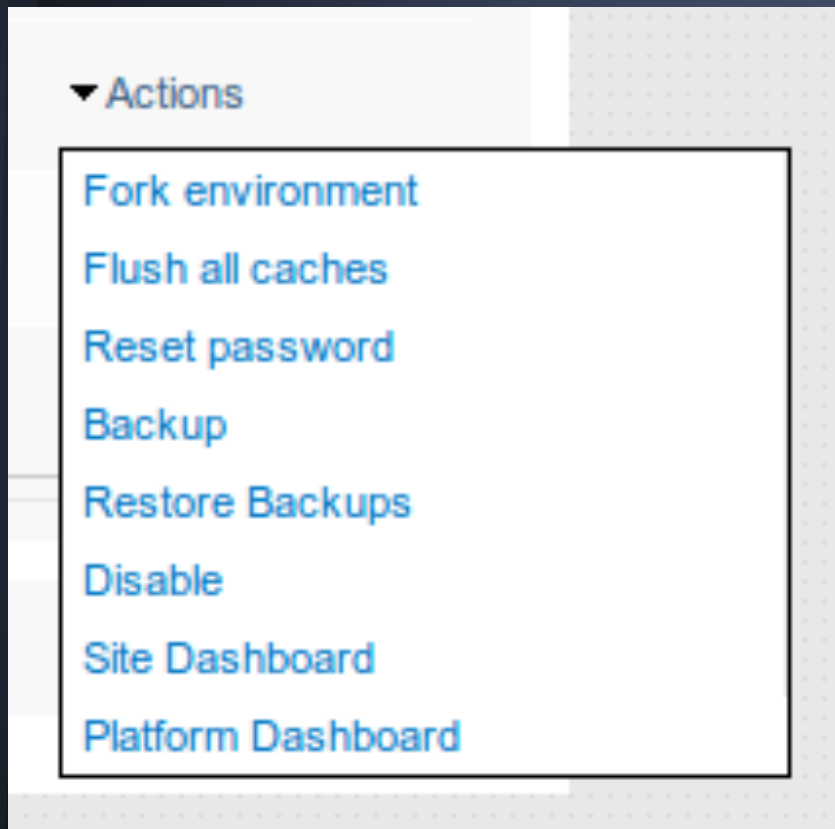
**Execution time:** 1 sec

Log message

- Task starts processing
- Undefined index: sync devshop\_projects.drush.inc:76
- Running: /usr/share/drush/drush.php @project\_nycdevshop provision-devshop-test 'dev' --backend 2>&1
- ✓ Bootstrap to phase 0.
- ✓ Drush bootstrap phase : \_drush\_bootstrap\_drush()
- Load alias @project\_nycdevshop
- ✓ Bootstrap to phase 0.
- ✓ Found command: provision-devshop-test (commandfile=devshop\_provision)
- ✓ Initializing drush commandfile: devshop\_provision
- ✓ Initializing drush commandfile: drush\_make
- ✓ Initializing drush commandfile: drush\_make\_d\_o

- Tracks who started it, when, and how long it took.
- Error logs are stored for easy viewing.

# "Tasks"



- Every "script" you use to manage your server should be a task.
- A task is nothing more than a drush command and a Drupal module.

# DevShop

Development Workflow Tasks



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Are you sure you want to devshop-pull nycdevshop?



Pull & verify platform code and (optionally) run update.php, clear cache, and revert features.

Environments: \*

dev

test

live

Choose the environments to pull code to.

# Pull Code

```
drush @project_name provision-devshop-pull dev --update --revert --cache
```

Run update.php after code pull?

Revert all features after code pull?

Clear cache after code pull?

**Pull Code**

Cancel

```
git pull
drush update-db
drush features-revert-all
drush cc all
drush cc all
drush cc all
```

DevShop

Projects

Shop Project nyc

Are you sure you want to devshop-sync nycdevshop?

Sync database and files from another site and (optionally) run update.php, clear cache, and revert features.

**Source:**

dev  
 test  
 live

Choose the source environment.

**Destination:**

dev  
 test  
 live

Choose the destination environment. *Data from this environment will be DESTROYED.*

# Sync Data

```
drush @project_name provision-devshop-sync dev test --files --databse --update --revert --cache --pull
```

URL: git@github

Note Branches: dev dev master

Refresh bran

all profile: standard

t Commit: 4 hours ago

vironments

dev dev.nyc

live Log in:

test Log in:

Copy files

**Actions**

Pull code c

Run update

Revert all f

Clear cache on Destination

**Sync Data** Cancel

```
git pull
drush sql-sync @source @destination
drush rsync @source:%files @destination:%files
drush update-db
drush features-revert-all
drush cc all;
drush cc all;
drush cc all;
```

tasks.

Files Actions

Files Actions

Files Actions

Are you sure you want to devshop-test nycdevshop?



Run a group of SimpleTests.

Environment:

- dev
- test
- live

Choose the environment to run tests on.

Tests To Run:

SystemIndexPhpTest

Enter the names of the simpletests to run, one per line. See the [Drupal API](#) for examples, or call `drush @dev.nycdevshop.devshop test-run` for a list of available tests.

Run Tests

Cancel

# Run Tests

```
drush @project_name provision-devshop-test dev SystemIndexPhpTest
```

```
drush en simpletest  
drush test-run SystemIndexPhpTest
```

Are you sure you want to devshop-commit nycdevshop?

Recreates all Features and commits the result.

Environment:

- dev  
 test  
 live

Choose the environment to commit features from.

Commit Message:

# Commit Features

```
drush @project_name provision-devshop-commit dev --message="Commit from the Web!" --push --revert
```

A message describing this commit. To see a diff output off all of the features, enable the Features Diff module for this site, Verify the site, and select this task again.

- Push code after commit?
- Force revert features after commit?

**Commit Features** Cancel

```
drush features-update-all  
git commit -am  
git push  
drush features-revert-all --force
```



# Fork Environment

Create new environment

Creates a new environment within this project.

Fork from: **dev** environment on branch **dev**

New branch name: \*

Choose the new Git branch you wish to use for this new platform.

Environment Name: \*

Enter a system name for your environment. For consistency, you should make this match the branch name.

Create New Environment Cancel

```
git clone --branch dev
git checkout -b newbranch
git push origin newbranch
drush sql-sync @source @new_environment
```

# DevShop

Multiple Servers

*All Aegir*



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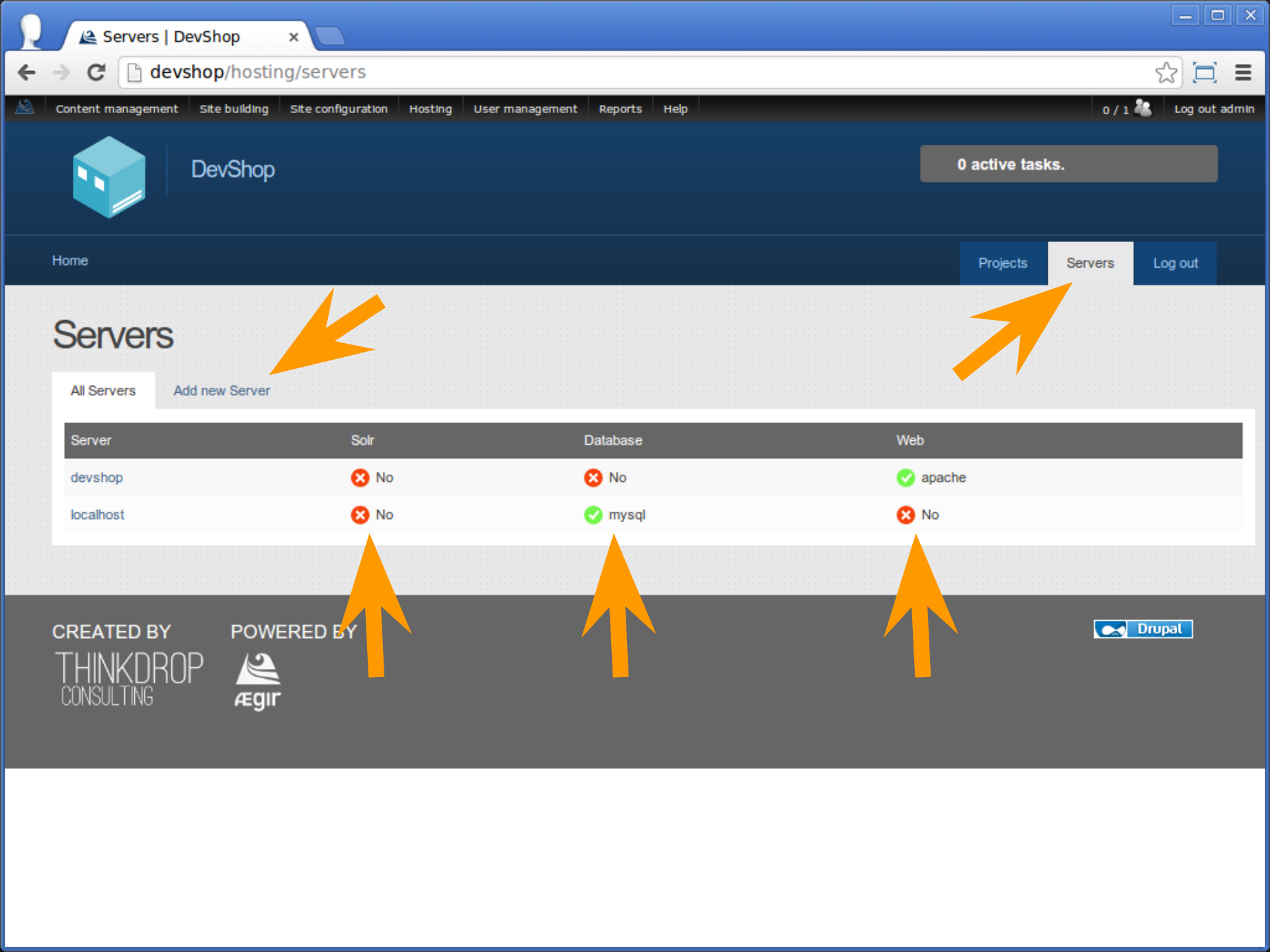
# DevShop Servers

Must setup the server ahead of time:

- LAMP + Aegir user + SSH Keys

Once connected with SSH, Aegir can put Drupal platforms and their sites on any server.

On "Verify", Aegir rsync's the codebase to the remote servers.



0 active tasks.

# Servers

All Servers [Add new Server](#)

Server	Solr	Database	Web
devshop	<span>✘</span> No	<span>✘</span> No	<span>✔</span> apache
localhost	<span>✘</span> No	<span>✔</span> mysql	<span>✘</span> No



# Create Server

All Servers Add new Server

Server hostname: \*

The host name of the server. This is the address that will be used by Hostmaster to connect to the server to issue commands. It is to resolve to the internal network, if you have such a separation.

**Be careful when changing the node title, it is used to create the SQL users if the IP address, below, is not set.**

Ip addresses:

A list of IP addresses this server is publicly available under, one per line. If none is specified, a DNS lookup will be performed based on the server hostname above.

**This should point to the public network, if you have such a separation.**

Solr

- None
- tomcat

Database

- None

Server hostname: \*

The host name of the server. This is the address that will be used by Hostmaster to connect to the server to issue commands. It is to resolve to the internal network, if you have such a separation.  
Be careful when changing the node title, it is used to create the SQL users if the IP address, below, is not set.

Ip addresses:

A list of IP addresses this server is publicly available under, one per line. If none is specified, a DNS lookup will be performed based on the server hostname above.  
This should point to the public network, if you have such a separation.

**Solr**  
 None  
 tomcat

**Database**  
 None  
 mysql

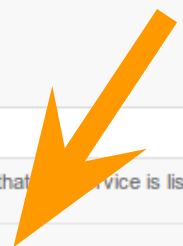
**Web**  
 None  
 apache

Port: \*

The port that service is listening on.

Restart command: \*

The command to run to restart this service.



tomcat

Database

- None
- mysql

Port: \*

The port that this service is listening on.

Username: \*

The user that will be used to create new mysql users and databases for new sites.

Password:

Confirm password:

You have already set a password for this database server.  
The password for the user that will be used to create new mysql users and databases for new sites

Web

- None
- apache

Save Delete

# DevShop

## Bonus Features



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# Bonus Features

Apache Solr for every site.

Download Drush Aliases

HTTP Password Protection

Server Clusters and Master/Slave  
DBs

NGINX

Automatic Cron Setup



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# DevShop

The Future?



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# The Future?

## Better GitHub Integration:

- Automated Git repo creation.
- Automatic Environments from Pull Requests.
- Merge Branch interface.
- Tag and Release system.

# The Future?

## Better User Management

- SSH Key uploading.
- Assign users to project.
- Activity streams.

# The Future?

## Better User Interface

- Needs a major facelift.
- Responsive/Mobile web.

# The Future?

## Chef Integration

- `node/add/server`
- Improve the open source chef recipes for Aegir/DevShop.
- Integrate with any chef knife or openstack-compatible cloud host to instantly deploy properly configured servers.



# Who?

## DevShop Contributors

Jon Pugh  
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wodenx  
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kjl  
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## Aegir Contributors

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# Questions?



[drupal.org/project/devshop](http://drupal.org/project/devshop)  
[#devshop](#) and [#aegir](#) on [irc.freenode.net](http://irc.freenode.net)

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NYC Camp Announcement

# Get Involved in Core Sprints!

1. It starts at 9am tomorrow.
2. Anyone who has site building experience and a laptop is qualified and encouraged to come.
3. There will be friendly mentors on-site to help and match you with tasks.