

Doing DevOps for a Perfect Repository Environment

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scholar.uc.edu
github.com/uclibs



Provides:

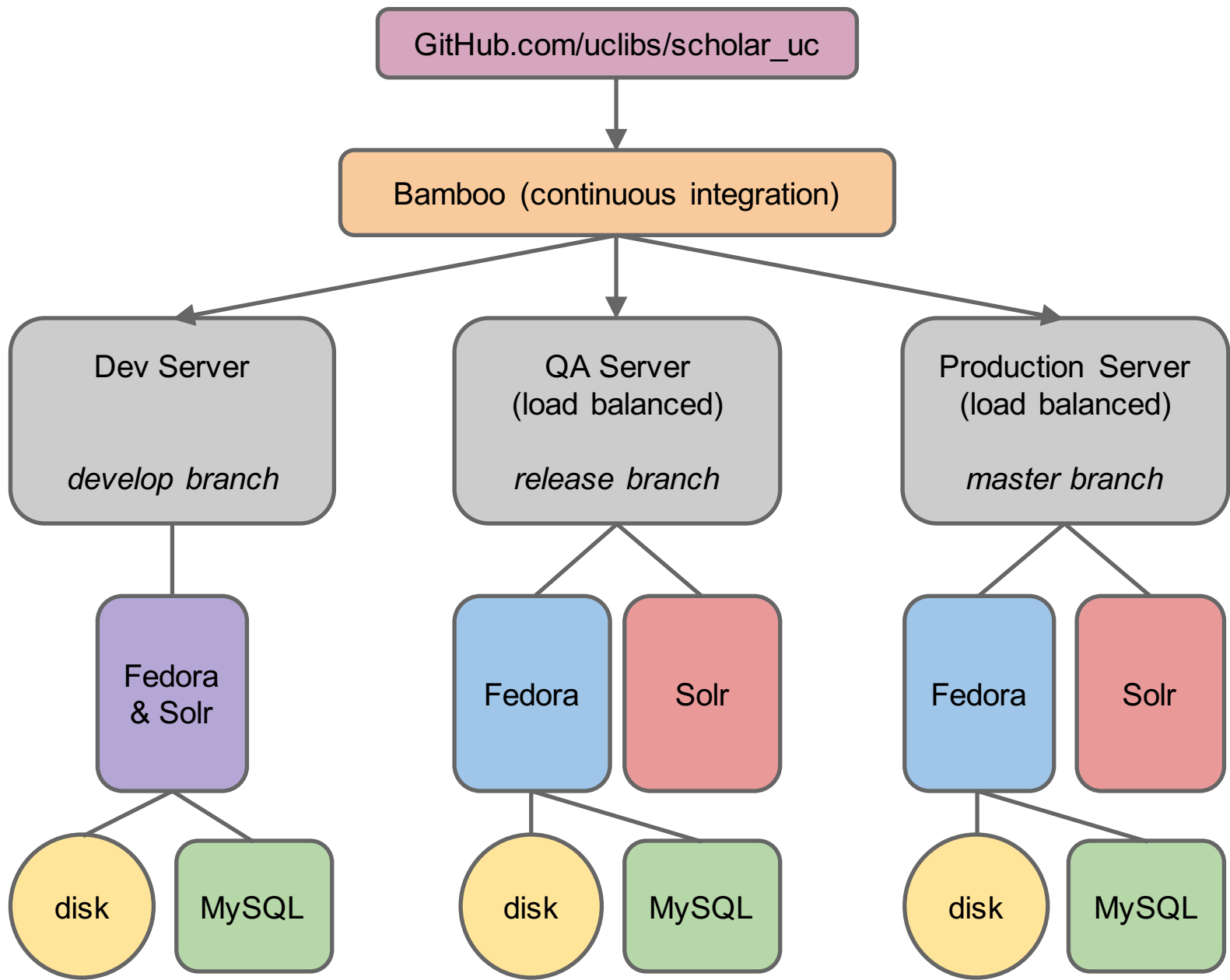
- metadata experts
- archivists
- promotion
- developers (3.25)

Provides:

- virtual servers
- storage/backups
- OS support/updates
- middleware support
- developer (0.25)



Digital Repository Project Partnership



Scholar@UC Environment

Issues Pull requests Labels Milestones

Filters label:"server environment" is:closed

New issue

Clear current search query, filters, and sorts

	4 Open	34 Closed	Author	Labels	Milestones	Assignee	Sort
<input type="checkbox"/>		Dev Server: build environment using Puppet scripts	server environment				2
		#58 opened on Jul 9, 2014 by hortongn					
<input type="checkbox"/>		Bamboo Server: restart resque workers with each deploy	server environment				3
		#55 opened on Jun 24, 2014 by hortongn Deployment Issues ...					
<input type="checkbox"/>		Bamboo Server: hide sensitive data (passwords, keys, etc.) from Git	server environment				7
		#47 opened on May 14, 2014 by hortongn					
<input type="checkbox"/>		Production Server: default to https/SSL	server environment				2
		#36 opened on Apr 10, 2014 by hortongn					
<input type="checkbox"/>		Automatically start/restart Resque if it is not running	server environment				1
		#20 opened on Feb 18, 2014 by hortongn					
<input type="checkbox"/>		Production Server: configure and verify load balancing	server environment				2
		#12 opened on Feb 12, 2014 by hortongn Deployment Issues ...					
<input type="checkbox"/>		Dev Server: deploy app using Bamboo	server environment				2
		#10 opened on Feb 12, 2014 by hortongn					

GitHub issues for building server environments

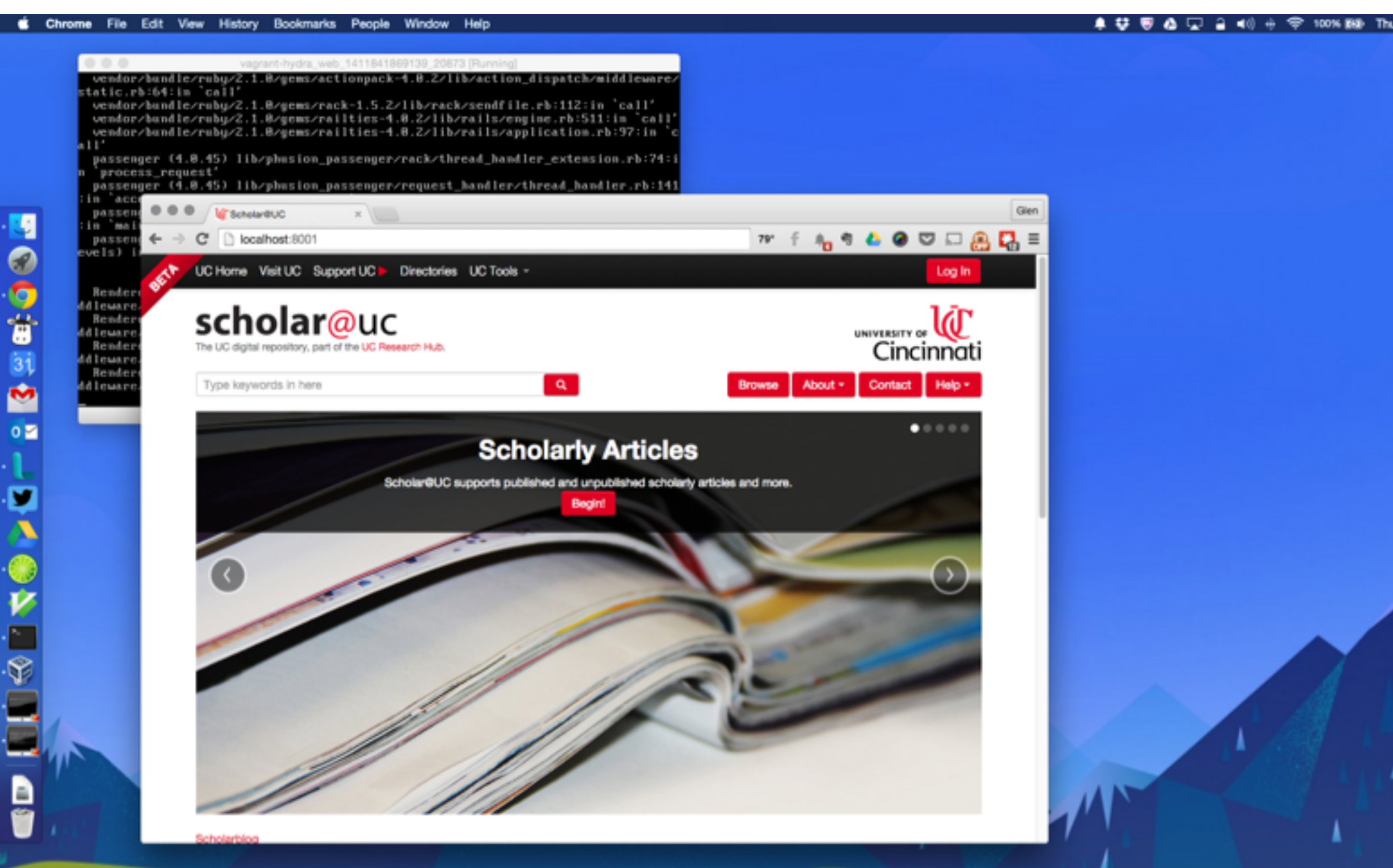
branch: local scholar-puppet-vagrant / modules / +

added installation of clamav-devel

AJ Bothe authored on Jul 3, 2014 latest commit 7d19a357d8

..		
apache	split boxes for easier management	a year ago
bundler	split boxes for easier management	a year ago
clamav	added installation of clamav-devel	11 months ago
concat	tomcat module	a year ago
curate	added installation of clamav-devel	11 months ago
epel	all kinds of puppet added	a year ago
fcrepo	fixed mysql hotfix to check for table first before trying to run	a year ago
ffmpeg/manifests	ffmpeg module installed	a year ago
firewall	added needed firewall module	a year ago
fits/manifests	fits and clamav working as intended.	a year ago
gems/manifests	split boxes for easier management	a year ago
git	split boxes for easier management	a year ago
github	Stderr from the command:	a year ago
imagemagick	imagemagick module added	a year ago

Puppet scripts in a Git repository



A production environment on your desktop using Vagrant

SSH Task ✕
Clean working folder and deploy

SSH Task ✕
Clean Staging

SCP Task ✕
Copy files to Staging

SSH Task ✕
Clean working folder and deploy

Final tasks Are always executed even if a previous task fails

Drag tasks here to make them final

Add task

Hostname or IP address of the remote host

Username*

curate

Username you want to use to access the remote host

Authentication Type*

Password

Change password

SSH command*

```
1 /srv/apps/curate_uc/script/rotate_log.sh
2 rm -rf /srv/apps/curate_uc/*
3 cp -R /srv/apps/curate/curate_uc-STAGE/* /srv/apps/curate_uc
4 cd /srv/apps/curate_uc
5 chmod +x /srv/apps/curate_uc/script/*.sh
6 /srv/apps/curate_uc/script/kill_resque_pool.sh
7 cp /srv/apps/curate_uc/public/robots.prod.txt /srv/apps/curate_uc/pu
8 export PATH=$PATH:/srv/apps/.gem/ruby/2.1.0/bin:/opt/fits/fits-0.6.2
9 gem install --user-install bundler
10 /srv/apps/curate_uc/script/copy_config_bamboo.sh
11 bundle install --path vendor/bundle
12 bundle exec rake db:migrate RAILS_ENV=production
13 mkdir -p /srv/apps/curate_uc/tmp
14 touch /srv/apps/curate_uc/tmp/restart.txt
15 /srv/apps/curate_uc/script/restart_resque.sh production
```

Shell command to execute on the remote host

Bamboo deployment tasks

How to Wipe All Content in Scholar and Fedora

Edit

New Page

Glen Horton edited this page on Mar 19 · 1 revision

Purge the Fedora repository

1. Log into the appropriate Fedora server (dev, QA, or Production)

2. Stop Tomcat:

```
sudo service tomcat stop
```

3. Delete content from the datastreamStore directory:

```
sudo rm -rf /usr/local/fedora/data/datastreamStore/*
```

4. Delete content from the objectStore directory:

```
sudo rm -rf /usr/local/fedora/data/objectStore/*
```

5. Switch to the Tomcat user: `sudo su - tomcat`

6. Set the Fedora and Tomcat environment variables:

```
export FEDORA_HOME=/usr/local/fedora
```

```
export CATALINA_HOME=/usr/local/tomcat
```

7. Run the fedora-rebuild script **twice** (choose option #1 the first time and option #2 the second time):

```
/usr/local/fedora/server/bin/fedora-rebuild.sh
```

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Find a Page...

[Home](#)[Agile Team Process](#)[App files to review and customize](#)[Batch Import Ideas](#)[Bugs and Oddities as of Aug 6, 2014](#)[ClamAV information](#)[Fedora Customization](#)[Future Swarm Topics](#)[How to change the namespace on Fedora 3 objects](#)[How to Wipe All Content in Scholar and Fedora](#)

June 4, 2014

[Manually deleting a broken user on production, QA, dev](#)

Environment documentation in GitHub wiki

What worked well

Having server admin skills on dev team

Using Puppet and Vagrant

Lots of documentation

Weekly meetings & in-person time

Testing backups

Thank You!

Questions?

scholar.uc.edu

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