



# Summit

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# **core and contrib**

architecture and deep dive

Christopher Gervais - ergonomologic | Herman van Rink - helmo

# Who we are

Christopher Gervais - ergonomologic

Aegir project lead,

Poetic North



poetic

Herman van Rink - helmo

Initfour websolutions



# New in Aegir 7.x-3.x

- Built on Drupal 7
- Uses Drush 7 (w/ Drush8 coming)
- Improved SSL support
- Looks mostly the same
- Most listings built with views
- Moving docs to [readthedocs.org](http://readthedocs.org) (in Git)

# Nicer login - betterlogin module



**Username \***

**Password \***

**Log in**

[Forgot your password?](#)

# The index

Structure Appearance People Modules Configuration Hosting Reports Help



aegir3-dev.gtest2.local

Sites

Platforms

Tasks

Servers

Clients

## Sites

List Add site

Filters

Operations

<input type="checkbox"/>	Site	Profile	Created	Platform
<input type="checkbox"/>	<input checked="" type="checkbox"/> aegir3-dev.gtest2.local	Hostmaster	2 months 6 days ago	hostmaster
<input type="checkbox"/>	<input checked="" type="checkbox"/> s1.aegir3-dev.gtest2.local	Minimal	1 month 1 day ago	drupal7

## Task queue

Task	Actions
Install: s1.aegir3-dev.gtest2.local	<a href="#">View</a>
<input checked="" type="checkbox"/> Verify: openatrium2	<a href="#">View</a>
<input checked="" type="checkbox"/> Verify: drupal7	<a href="#">View</a>
<input checked="" type="checkbox"/> Verify: drupal7	<a href="#">View</a>
<input checked="" type="checkbox"/> Verify: drupal6	<a href="#">View</a>

[More tasks](#)

# Task log



INSTALL: S1.AEGIR3-DEV.GTEST2.LOCAL

**Task** Install: s1.aegir3-dev.gtest2.local

Submitted by admin on Fri, 06/12/2015 - 09:31

Site	s1.aegir3-dev.gtest2.local
Status	Warning
Executed	Fri, 06/12/2015 - 09:33
Execution time	0 sec

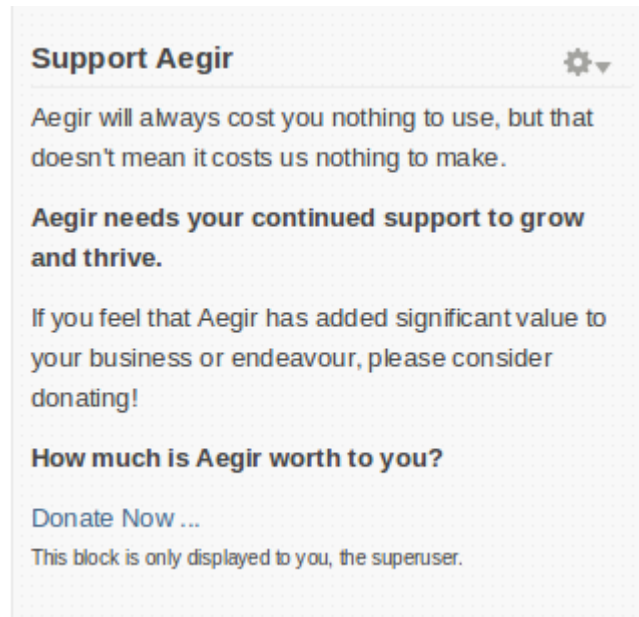
[Jump to first warning](#)


Log message

- Task starts processing: Install: s1.aegir3-dev.gtest2.local
- Returned from hook drush\_hosting\_task\_validate
- Calling hook drush\_hosting\_package\_pre\_hosting\_task

Overlay module is optional ;)

# Support block



**Support Aegir** 

Aegir will always cost you nothing to use, but that doesn't mean it costs us nothing to make.

**Aegir needs your continued support to grow and thrive.**

If you feel that Aegir has added significant value to your business or endeavour, please consider donating!

**How much is Aegir worth to you?**

[Donate Now ...](#)

This block is only displayed to you, the superuser.

For administrators only, easy to remove.



# Platform details

**Platform** drupal7

[View](#) [Add site](#) [Clients](#) [Edit](#) [Packages](#) [Tasks](#) [Devel](#)

Submitted by Anonymous (not verified) on Fri, 06/12/2015 - 09:30

<b>Verified</b>	12 sec ago
<b>Publish path</b>	/var/aegir/platforms/drupal7
<b>Web server</b>	My lovely local vm
<b>Release</b>	drupal 7.37
<b>Status</b>	Enabled

Task	Actions
<input checked="" type="checkbox"/> Verify	<a href="#">View</a> <a href="#">Run</a>
Delete	<a href="#">View</a> <a href="#">Run</a>
Lock	<a href="#">View</a> <a href="#">Run</a>

**Sites installed on this platform**

[Operations](#)

Site	Profile	Created	Platform
<input checked="" type="checkbox"/> s1.aegir3-dev.gtest2.local	Minimal	1 month 1 day ago	drupal7

**Human name** (points to 'My lovely local vm')

**VBO** (points to 'Operations')

# New hooks

- **hook\_provision\_drupal\_install\_settings\_alter()**
  - Alter the settings array just before starting the provision install.
- **hook\_provision\_deploy\_options\_alter()**
  - Alter the options passed to 'provision-deploy' when it is invoked in restore, clone and migrate tasks.

# New hooks (cont'd)

- **hook\_provision\_mysql\_regex\_alter()**
  - Alter the array of regexes used to filter mysqldumps
- **hook\_provision\_drupal\_non\_recursive\_directories\_alter()**
  - Alter the array of directories to not to recurse into in mkdir and chgrp operations.

# Release?

This weekend!

RC1 just got pushed.

Come to the sprint on Sunday to make it happen.

# Contrib modules overview

- Hosting Git
- Hosting Logs
- Hosting Tasks Extra
  - HTTP Basic Authentication
  - Hosting Sync
  - and a number of extra task types
- Provision STS
- Drulenum
- Hosting S3

# Contrib module changes

- Combined hosting and provision code

Provision code now merged in the same project as hosting code.

So no more provision\_x modules needed.

# Hosting Git

Integrates Git version control

Task:

- Create site directly from Git repo
- Git Pull task on platform and site
- Switch branches
- Trigger pull with a webhook (e.g. Github)

# Hosting Logs

- Show error and watchdog logs
- Show Git commit history
- Can expose the apache error log at <http://aegirhostedsite/error.log>





# Hosting Tasks Extra

- Clear cache
- Registry rebuild (requires the drush extension [registry\\_rebuild](#))
- Run cron
- Run updates
- HTTP Basic Authentication
- Sync site data

# Provision STS

Add “Strict Transport Security” headers

Tells the browser to connect only WITH encryption.

# Hosting Drulenum

- Take a screenshot
- < do something >
- Take another screenshot
- Compare

Early work is mostly devshop related.

# Hosting S3

- Create an S3 bucket per site
- Inject AWS API keys into settings.php
- Support for S3FS and AmazonS3 modules
- Backups create a new bucket and copy contents

# Upgrading from 6.x-2.x?

Not that hard, with the coder module!

Aegir API hasn't changed that much.

Need a module that's only for 2.x? Why not sponsor an upgrade...

# <your contrib here>

Something to scratch your itch?

Creating your own is not so hard.

- Drupal module
- implement a few hooks
- use the example/site\_data module

Most others listed on: <http://community.aegirproject.org/contrib-modules>

# Future?

- Enjoy Aegir 3.x
- Expand the contrib modules
- Dream(... plan) a 4.x with state of the art tools
  - Starting here

# Open discussion

- Replacing the community site
- Debian package?
- Wordpress







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