



CD with Jenkins, Build Pipeline & Simple Deployment Service



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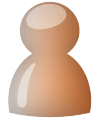
<http://simplcloud.com>



Continuous Deployment - Why?



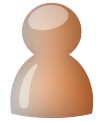
- Really fast iterations
- High Quality of code and tests
- Hard to do - Major bragging rights!



Continuous Deployment – How?

- Architecture
- Culture
- Tools





Build Pipeline

- Visualization
- Manual steps



Build pipeline [Jenkins]

Build Pipeline Plugin - Jen

localhost:8082/view/Build%20pipeline/

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Jenkins

search

marcinp | log out

JenkinsBuild pipeline

ENABLE AUTO REFRESH

Build Pipeline: My pipeline

Run

History

Configure

Add Step

Delete

Manage

Pipeline version

8

No parameters

Test

Jun 26, 2012 5:30:48 PM

810 sec

marcinp

Release

Jun 26, 2012 5:31:03 PM

812 sec

Deploy to Test

Jun 26, 2012 5:31:46 PM

6... sec

marcinp

Deploy to Pre-Prod

Deploy to Prod

Generate docs

Jun 26, 2012 5:31:20 PM

89.1 sec

Pipeline version

7

No parameters

Test

Jun 26, 2012 5:26:25 PM

710 sec

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Release

Jun 26, 2012 5:26:40 PM

712 sec

Deploy to Test

Jun 26, 2012 5:27:13 PM

513 sec

marcinp

Deploy to Pre-Prod

Jun 26, 2012 5:27:31 PM

410 sec

Deploy to Prod

Jun 26, 2012 5:27:46 PM

415 sec

Generate docs

Jun 26, 2012 5:26:57 PM

79.1 sec

Help us localize this page

Page generated: 26-Jun-2012 17:31:39

Jenkins ver. 1.470

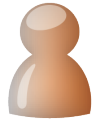


Simple Deployment Service



- Why – a DSL for deployments
- How – REST-y API
- Example:

POST /deploy?env=(env_name)



Simple Deployment Service



Environment example:

```
{  
  "name": "uptime-dev",  
  "arts_to_nodes": {  
    "all_in_one":  
    ["dev.uptime.simplcloud.com"]  
  }  
}
```



Jenkins + Build Pipeline + SDS = CD



- Use `deploy_runner` to talk to SDS
- Jenkins plugin in the works



Questions?



• Q&A




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