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WHAT IS DEVOPS?



Software is changing

Services instead of packaged software



Deployments are changing

Services are being updated **continuously**



Development is changing

Deployment and operation of software is becoming an integrated part of the software life cycle



Birth of DevOps

This is the reality that brings us **DevOps**



DevOps

DevOps is about breaking down the **silos** between **operations** and **development**



What is DevOps?

DevOps is a cultural change



What is DevOps?

DevOps is a mindset



DevOps mindset

Mindset → Automation

Automation → Tooling

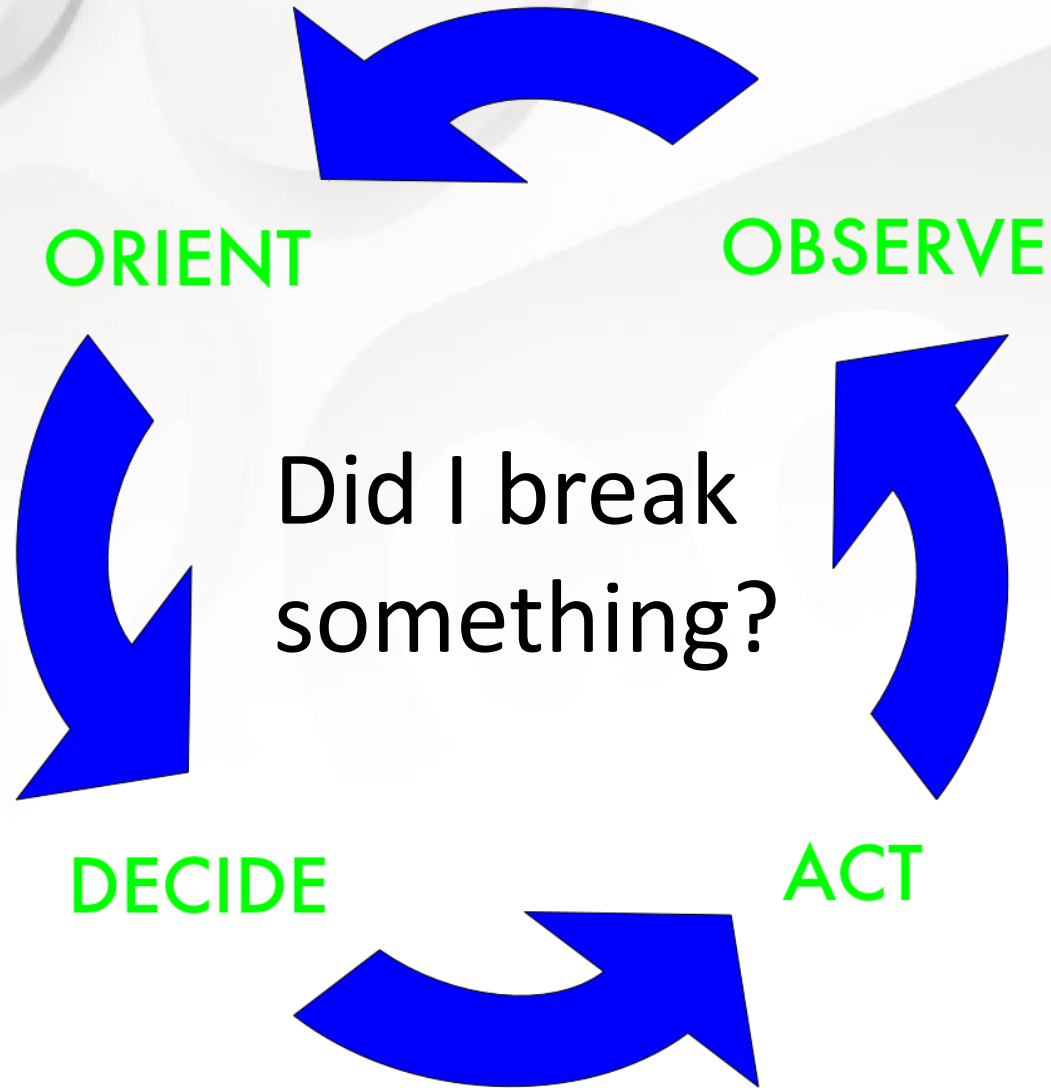


DevOps tools

Tools enable **automated** and **repeatable**
deployments



Shorter feedback loop





DevOps tools

Tools enable **automated** provisioning of development and test environments



The flip side of DevOps



DevOps Borat
@DEVOPS_BORAT



Following

To make error is human. To propagate error to all server in automatic way is [#devops](#).

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7:55 PM - 26 Feb 11



Why all the DevOps at CCP?

Dust514 added a lot of new services



Why all the DevOps at CCP?

Dust514 added **hundreds** of new servers, distributed all over the world



Deployment WebUI

Deployment Console: tranquility @ 535096 Hosts Roles Services **Work Queue** Configuration ▾ Advanced ▾ Take the tour Jónas Jóhannsson

Work Queue For tranquility 60% of the time, it works every time....

Username	Create Time	Age	Config#	Command	#Hosts	Status	Host Progress	Execution Time	Comments
Q ingi	2013-05-14 16:00	5 minutes ago	535096	setuprole:wwwDust514	2	Done	<div style="width: 100%;"></div>	00:01:11	
Q ingi	2013-05-14 15:43	22 minutes ago	535066	setuprole:wwwDust514Forums	2	Done	<div style="width: 100%;"></div>	00:01:19	
Q sigurvin	2013-05-14 11:14	5 hours ago	534712	splunkagent	1	Done	<div style="width: 100%;"></div>	00:00:29	
Q sigurvin	2013-05-14 11:05	5 hours ago	534712	ssobackend	1	Done	<div style="width: 100%;"></div>	00:00:47	
Q sigurvin	2013-05-14 11:03	5 hours ago	534712	ssobackend	3	Error	<div style="width: 33%;"></div>	00:01:05	
Q sigurvin	2013-05-14 11:03	5 hours ago	534712	login	3	Done	<div style="width: 100%;"></div>	00:01:13	
Q sigurvin	2013-05-14 08:47	7 hours ago	534563	mailservice	1	Done	<div style="width: 100%;"></div>	00:00:41	
Q andriamars	2013-05-13 11:02	a day ago	533795	crest	2	Done	<div style="width: 100%;"></div>	00:00:15	
Q jonarnar	2013-05-09 11:03	5 days ago	532241	setuprole:crest	2	Done	<div style="width: 100%;"></div>	00:00:09	



Bakery

The Bakery

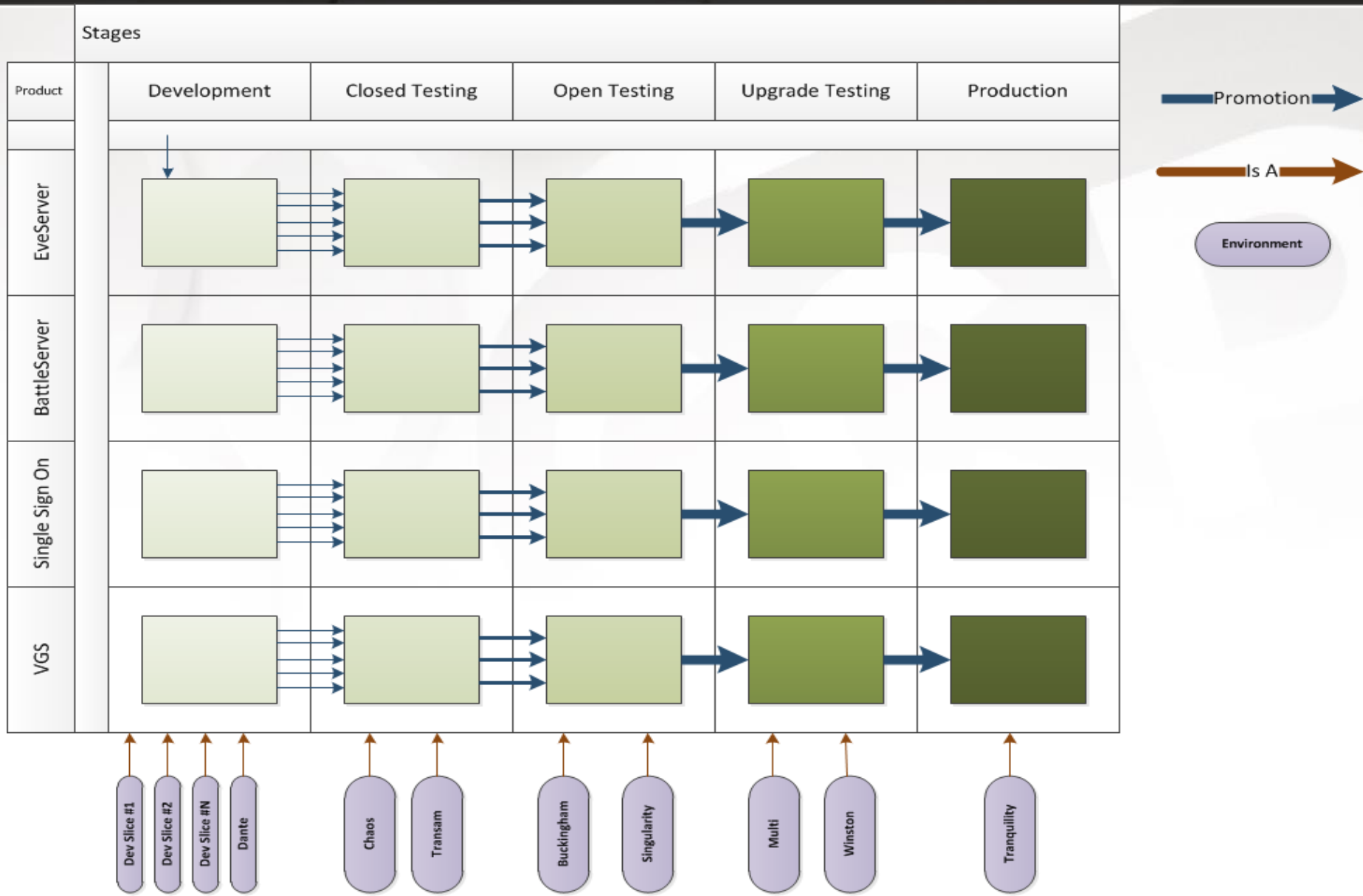
Slices owned by jonas

Slice name	Machine type	VM Name
jonas06	Windows DEV Template Clean VMTools	DEV_jonas06_win1
	Centos 6.2 x64 DEV	DEV_jonas06_linux1

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Promoting change





Continuous Delivery

Our Bible

