CloudBees Continuous Integration and Test with Appvance Enterprise 7.0.1

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The Missing Agile CI Results Database

- Extends CloudBees Jenkins To All Aspects of Testing
  - Functional, Performance, Stress, and Security Tests
- Cloud Records Test of Cloud Apps Without Scripting
- Easy CloudBees Jenkins Test Configuration
- Instant Reports Surface Actionable App Performance Issues
- Multiple CloudBees Builds and Tests Concurrently
Protocols and Test Suite Authoring

• Web, Ajax, Mobile Apps
  • Appvance Designer for Record/Playback
  • Scripting in Java, Python, Ruby, PHP
  • Selenium, WebDriver, Sahi

• SOAP and REST Services
  • Appvance Service Suite for WSDL, WADL
  • 100% Graphical Environment

• EMS, BPM, MQ Workflows
  • TIBCO, IBM, Oracle, JBoss, Mule, SoftwareAG WebMethods

• Oracle Forms, Apps, WebLogic
Test Authoring
Appvance Enterprise Test Runtime Architecture

- Plug-and-Play To CloudBees Build Services
Results Live In The CloudBees Cloud

- Dashboards and Notifications

Cloud Instance 1:
- Test Injector
- Script Runner, Monitor, DPL
- Browser
- Chrome, IE
- soapUI
- SOAP, REST

Cloud Instance 2:
- Test Injector
- Script Runner, Monitor, DPL
- Browser
- Chrome, IE
- soapUI
- SOAP, REST

Rackspace:
- App Under Test
- Service Under Test

Scalability Index
Dashboard
Results Repository
MySQL

Aric New User SLA Warning
Average perf: 32 Seconds

Business, DevOps
Agile Integration and Performance Architecture

Test and Validation

- Appvance Enterprise Functional Tests, Performance Tests, Monitors
- Datacenter, Cloud
- Results Repository

Trouble Ticket and Change Management

- Continuous Integration
- GITHUB Code Repository
- Agile Project Management
- ITSM Service Management
- Incident Management

Business Process and Service Interface Delivery

- BusinessWorks, ActiveMatrix, Layer 7, ActiveSpaces, BE, EMS
- Enterprise Messenger EMM
- Dev, Test, Prod
- Datacenter, Cloud
- Info/Warnings/Errors
- TIBCO CLE
- TIBCO Spotfire
- Resource Monitoring
- TIBCO Hawk

Runtime Environments
Global Configuration Options

- CloudBees Configuration Requires No Plug-in
- Add To Any Jenkins Build Service
CloudBees Jenkins Configuration
Configure Jenkins To Run Tests with Builds

- Ant Target With Multiple Properties
- Add Multiple TestScenarios Instantly
Test Operation Appears In Jenkins Log

• Click To Results Cloud For Charts and Reports

• Stops Build On Test Failure

```
jar:
run:
  [java] Executing /root/tests/htmlunit2.7.scenario
  [java] true
  [java] The scenario Java Functional Scenario is starting at Thu Jul 04 10:18:10 EDT 2013
  [java] Execution ID = 1372947490422
  [java] Verifying nodes
  [java] Nodes verified.
  [java] Sending resources
  [java] Nodes loaded
  [java] Executing iteration iteration 1 Iterations
  [java] Warm up
  [java] Recording transactions
  [java] No tests completed so far. Remaining 1 transactions.
  [java] The iteration has completed
  [java] Final Results : 1.(Successes= 1, Failures= 0).
  [java] Execution done in 0 minutes
  [java] Done.
config=-142096579&exeId=1372947490422
BUILD SUCCESSFUL
Total time: 56 seconds
[DEBUG] Skipping watched dependency update; build not configured with trigger: Appvance Cloudbees Plugin #7
Finished: SUCCESS
```
Test Trending from CloudBees

- Shows Test Trends Over Time
- Drill Down Into Root Cause
Results Analysis
Results Analysis and Results Repository Viewer

- View all of the use cases operated (transactions) for any test execution, including drill-downs to the request/response level.
Mission Critical App Performance Validation

- 600,000 Testers and Developers
- 3 Million Downloads
- 90% of the Fortune 1000
Are You Ready?

• Add Cloud Testing To Your CloudBees Builds Today

• If It Does Not Drive The Real End-user Experience, Call Us At (855) 254-1164 Or Email Us Sales@appvance.com

And We Will Show You How