

GlassFish v3 Extensibility Test Plan

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1. Introduction

This Extensibility QA one pager describes the testing activity for Glassfish Extensibility feature for final V3 release. Details like various extensible add-ons to be tested, test scenarios, test deliverables, and schedules will be discussed in this document. Before the features testing begins the plan has to be approved by the QA lead and respective engineers working in the monitoring component.

2. Features to be tested

OSGi Modules

JAR's

Composite Applications

v2 like Add-ons

Admin Actions

OSGi Modules

- Write a OSGi module and deploy it using the deploy command verify the OSGi module is copied under modules directory and loaded in to appserver runtime
- Write a OSGi module with adding element/attributes in domain.xml and deploy it using the deploy command verify the OSGi module is copied under modules directory and loaded in to appserver runtime. Also the necessary elements/attributes are added in to domain.xml

JAR's

- Deploy JAR module using the deploy command and verify it is copied under glassfish/lib directory

Composite Applications

- Package a composite application which includes OSGi module , ear , jar and AdminAction and deploy it using

deploy command verify necessary domain.xml composite-application elements are created and all the modules are deployed into its respective places.

V2 like Add-ons

- Write a v2 Add-on and deploy it and verify necessary domain.xml elements are created and add-on is loaded in to the runtime

Admin Actions

- Define various admin actions in the add-on deployment descriptor and verify the actions takes place while deploying the composite-module

3. Features not tested

1. Deployment of add-ons through update center 2.0
2. AdminGUIU components are not tested, please see AdminGUI's version of Extensibility test one pager

4. Test methodology

New tests will be automated with Tonga test framework and run as per the test matrix.

5. Test deliverables

This plan and test results of regression test suite.

6. Onepager Review

QE : Judy J Tang

Engineers: Sreenivas Munnangi, Prashanth Abbagani

7. Reference Documents

One Pager : <http://wiki.glassfish.java.net/Wiki.jsp?page=GFV3ExtensibilityOnePager>

Statistics : <http://wiki.glassfish.java.net/Wiki.jsp?page=GFV3PluggabilityOnePager>