



APPLICATION VERSIONING

demo - Milestone 1

SERLI

Romain GRECOURT romain.grecourt@serli.com
Hervé SOUCHAUD herve.souchaud@serli.com
Mathieu ANCELIN mathieu.ancelin@serli.com
Pierre-Henri DEZANNEAU pierrehenri.dezanneau@serli.com

May 24, 2010

1 Summary

- 1 Summary.....2
- 2 Introduction.....3
 - 2.1 Versioning - Milestone 1 overview.....3
 - 2.2 Maven project architecture.....3
 - 2.3 Installation.....3
- 3 Executing the demo.....4

2 Introduction

2.1 Versioning - Milestone 1 overview

Versioning in GlassFish 3.1 Milestone 1 supports the basic application commands: deploy, undeploy, enable, disable.

2.2 Maven project architecture

The demo uses multiple versions of an application through the different commands supported by the Milestone 1.

Each version used by the demo is represented as a maven module :

```
[INFO] GlassFish-3.1 Application Versioning demo
[INFO] GlassFish :: Application versioning :: Demo :: Foo
[INFO] GlassFish :: Application versioning :: Demo :: Foo (with changes)
[INFO] GlassFish :: Application versioning :: Demo :: Foo BETA-1.0
[INFO] GlassFish :: Application versioning :: Demo :: Foo BETA-1.1
[INFO] GlassFish :: Application versioning :: Demo :: Foo RC-1.0
[INFO] GlassFish :: Application versioning :: Demo :: Magic F00
```

2.3 Installation

As the demo is a maven project, the installation procedure is very simple:

```
$ tar -xvzf appVersioning_MS1-Demo.tar.gz -C [PATH]
$ cd [PATH]/appVersioning_MS1-Demo/
$ mvn install
```

3 Executing the demo

Once the project built, the following command sequences are available to show the sample scenario for application versioning.

Deploy the untagged version as follow:

```
$ asadmin deploy [PATH_TO_DEMO]/foo/target/foo.war
```

Then, redeploy the untagged version which has been modified:

```
$ asadmin deploy --force=true [PATH_TO_DEMO]/foo_with_changes/target/foo.war
```

Deploy a new version of the “foo” application qualified by “BETA”:

```
$ asadmin deploy --name=foo:BETA-1.0  
[PATH_TO_DEMO]/foo_BETA-1.0/target/foo_beta-1-0.war
```

Deploy a new “BETA” version in a disable state to switch later:

```
$ asadmin deploy --name=foo:BETA-1.1 --enable=false  
[PATH_TO_DEMO]/foo_BETA-1.1/target/foo_beta-1-1.war
```

Switch to the previously deployed version:

```
$ asadmin enable foo:BETA-1.1
```

Deploy a new version qualified by “RC”:

```
$ asadmin deploy --name=foo:RC-1.0  
[PATH_TO_DEMO]/foo_RC-1.0/target/foo_RC-1-0.war
```

(At this point as all the “foo” versions are deployed, so it is possible to switch to any version).

Undeploy all the version where the identifier begin with “BETA”:

```
$ asadmin undeploy foo:BETA*
```

Switch to the untagged version:

```
$ asadmin enable foo
```

Undeploy all the versions of the “foo” application:

```
$ asadmin undeploy foo:*
```

Deploy a new application using the same context root:

```
$ asadmin deploy [PATH_TO_DEMO]/magicFoo/target/magicFOO.war
```