Admin CLI Enhancements for Glassfish v2

Jane Young
janey@dev.java.net
November 1st, 2006

Agenda

- New and Enhanced Commands
- Improve Help
- Manpage Enhancment
- New Asant Tasks

New Commands

- ## 16 New JBI Commands

  http://www.glassfishwiki.org/gfwiki/Wiki.jsp?page=AGlossaryOfNewCommandsWithDetailedSynopsis

- ## New and Enhanced Load Balancer Commands

  http://www.glassfishwiki.org/gfwiki/Wiki.jsp?page=LBCommands

- ## New "monitor" Command

  monitor <common-options> --type <monitor type> [–filter filter] [server]

  --type can be of following values: jvm, jdbcpool, connectorpool, threadpool, connection, virtualserver, httplistener, keepalive, filecache, connectionqueue and more TBD

  output:

  JVM Monitoring

UpTime(milliseconds)				HeapSize(bytes)	
current	min	max	low	high	count
505256904	0	531628032	0	130932736	130932736
505261870	0	531628032	0	130932736	130932736

- ## New "uninstall-addon" and "install-addon" Commands

Enhanced Existing Commands

- --portbase and –profile options in create-domain

- --syncinstance in start-node-agent

- Exit codes for lifecycle commands

- Deprecate --adminuser, --adminport and AS_ADMIN_ADMINPASSWORD in create-domain command

Improve Help Command

- help command will be enhanced to display the closest matched command names if the manpage and usage-text for the command do not exist.

```
>asadmin help create-jdbc

create-jdbc command cannot be found.

The following commands are available:

create-jdbc-resource

create-jdbc-connection-pool
```

Manpage Enhancement

- A separate manpage for the common options (user, port, host etc...)

- New manpages for the commonly used concepts (domain, cluster, instance etc...)

Enhanced Usage Text

- Rearrange usage text so that required options are displayed first.

e.g.

```
Usage: create-jdbc-resource --user admin_user --
  connectionpoolid id [--terse=false] [--echo=false]
  [--interactive=true] [--host localhost] [--port
  4848|4849] [--secure [ -s] [--passwordfile
  file_name]  [--enabled=true] [--description text]
  [--target target(Default server)] jndi_name
```

New Asant Tasks

- JBI Tasks
- JAX-WS (wsgen and wsimport)

Schedules for Admin CLI

Milestone 1: LB commands
Milestone 2: fix P1 and P2 bugs
Milestone 3: all feature complete

OnePager

http://www.glassfishwiki.org/gfwiki/attach/GlassFishV2AdminRelatedOnePagers/cli-one-pager.