

Name list-modules – lists Application Server modules

Synopsis `list-modules`
`[--terse={true|false}] [--echo={true|false}]`
`[--interactive={true|false}] [--host host]`
`[--port port] [--secure| -s] [--user admin_user]`
`[--passwordfile filename] [--help]`

Description The `list-modules` command displays a list of modules that are accessible to the Application Server module subsystem and the status of each module.

The possible statuses of a module are as follows:

- NEW
- READY

This command is supported in remote mode only.

Options

- `-t --terse`
Indicates that any output data must be very concise, typically avoiding human-friendly sentences and favoring well-formatted data for consumption by a script. Default is false.
- `-e --echo`
If set to true, the command-line statement is echoed on the standard output. Default is false.
- `-I --interactive`
If set to true (default), only the required password options are prompted.
- `-H --host`
The machine name where the domain administration server is running. The default value is `localhost`.
- `-p --port`
The HTTP port or HTTPS port for administration. This port is the port in the URL that you specify in your web browser to manage the domain, for example, `http://localhost:4848`.

The default port number for administration is 4848.
- `-s --secure`
If set to true, uses SSL/TLS to communicate with the domain administration server.
- `-u --user`
The user name of the authorized administrative user of the domain administration server.

If you have authenticated to a domain by using the `asadmin login` command, you need not specify the `--user` option for subsequent operations on the domain.
- `--passwordfile`
Specifies the name, including the full path, of a file that contains the password entries in a specific format.

The entry for a password must have the `AS_ADMIN_` prefix followed by the password name in uppercase letters. For example, to specify the password for the domain administration server, use an entry with the following format:

```
AS_ADMIN_PASSWORD=password
```

In this example, *password* is the actual administrator password.

The following other passwords can also be specified:

- `AS_ADMIN_MAPPEDPASSWORD`
- `AS_ADMIN_USERPASSWORD`
- `AS_ADMIN_ALIASPASSWORD`

All remote commands must specify the administration password to authenticate to the domain administration server. The password can be specified by one of the following means:

- Through the `--passwordfile` option
- Through the `asadmin login` command
- Interactively at the command prompt

The `asadmin login` command can be used only to specify the administration password. For other passwords that remote commands require, use the `--passwordfile` option or specify them at the command prompt.

After authenticating to a domain by using the `asadmin login` command, you need not specify the administration password through the `--passwordfile` option for subsequent operations on the domain. However, only the `AS_ADMIN_PASSWORD` option is not required. You still must provide the other passwords, for example, `AS_ADMIN_USERPASSWORD`, when required by individual commands, such as `update-file-user`.

For security reasons, a password that is specified as an environment variable is not read by the `asadmin` command.

The default value for `AS_ADMIN_MASTERPASSWORD` is `changeit`.

`--help`

Displays the help text for the command.

Examples EXAMPLE 1 Using the list-modules command

```
asadmin> list-modules --user admin1 --passwordfile passwords.txt
Module : org.glassfish.web:web-cli:1.0
        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.admin:monitoring-core:1.0
        properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
```

EXAMPLE 1 Using the list-modules command (Continued)

```

Module Characteristics : List of imported modules
  Imports : org.glassfish.javax.javaee:1.0
  Imports : org.glassfish.common:common-util:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/monitoring-core-10.0-SNAPSHOT.jar
Module : org.glassfish.common:glassfish-naming:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.common:glassfish-api:1.0
  Imports : org.glassfish.common:internal-api:1.0
  Imports : org.glassfish.core:kernel:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/glassfish-naming-10.0-SNAPSHOT.jar
Module : org.glassfish.common:dol:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.javax.javaee:1.0
  Imports : org.glassfish.common:common-util:1.0
  Imports : org.glassfish.common:glassfish-api:1.0
  Imports : org.glassfish.common:annotation-framework:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/dol-10.0-SNAPSHOT.jar
Module : org.glassfish.core:deployment-client:1.0
  properties=(visibility=public,)
State=NEW)
Module : org.glassfish.core:kernel:1.0
  properties=(visibility=public,)
State=READY,)
Sticky=true)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : org.glassfish.common:glassfish-api:1.0
  Imports : org.glassfish.common:internal-api:1.0
  Imports : org.glassfish.admin:config-api:1.0
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.external:grizzly-module:1.0
  Imports : org.glassfish.common:common-util:1.0
  Imports : org.glassfish.common:universal:1.0
  Imports : org.glassfish.security:realms:1.0
Module Characteristics : List of Jars implementing the module

```

EXAMPLE 1 Using the list-modules command *(Continued)*

```

    Jar : file:/C:/glassfish/modules/kernel-10.0-SNAPSHOT.jar
Module : org.glassfish.external:ant:1.0
    properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
    Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/ant-10.0-SNAPSHOT.jar
Module : org.glassfish.external:apache-commons:1.0
    properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
    Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/apache-commons-10.0-SNAPSHOT.jar
Module : org.glassfish.security:websecurity:1.0
    properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish.core:security:1.0
        Imports : org.glassfish.security:securitycommon:1.0
        Imports : org.glassfish.admin:config-api:1.0
        Imports : org.glassfish.common:glassfish-api:1.0
        Imports : org.glassfish.common:dol:1.0
        Imports : org.glassfish.common:common-util:1.0
        Imports : org.glassfish.web:webtier:1.0
        Imports : org.glassfish.web:war-util:1.0
        Imports : org.glassfish.core:kernel:1.0
        Imports : org.glassfish:javax.javaee:1.0
    Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/web/websecurity-10.0-SNAPSHOT.jar
Module : org.glassfish.admin:cli-framework:1.0
    properties=(visibility=public,)
State=NEW)
Module : org.glassfish.web:webtier:1.0
    properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
        Imports : org.glassfish.external:ant:1.0
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish:javax.javaee:1.0
        Imports : org.glassfish.web:war-util:1.0
        Imports : org.glassfish.admin:admin-util:1.0
```

EXAMPLE 1 Using the list-modules command (Continued)

```

Imports : org.glassfish.common:common-util:1.0
Imports : org.glassfish.common:common-ee-util:1.0
Imports : org.glassfish.external:ant:1.0
Imports : org.glassfish.external:apache-commons:1.0
Imports : org.glassfish.external:grizzly-module:1.0
Imports : org.glassfish.admin:admin-core:1.0
Imports : org.glassfish.admin:monitoring-core:1.0
Imports : org.glassfish.common:dol:1.0
Imports : org.glassfish.common:glassfish-api:1.0
Imports : org.glassfish.core:javaee-core:1.0
Imports : org.glassfish.core:kernel:1.0
Imports : org.glassfish.common:container-common:1.0
Imports : org.glassfish.admin:config-api:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/webtier-10.0-SNAPSHOT.jar
  Jar : file:/C:/glassfish/modules/jasper-jsr199-9.1.jar
Module : org.glassfish.registration:registration-impl:1.0
  properties=(visibility=public,)
State=NEW)
Module : org.glassfish.extras:gf-phobos-connector:1.0
  properties=(visibility=public,)
State=NEW)
Module : org.glassfish.persistence:jpa-connector:1.0
  properties=(visibility=public,)
State=READY)
  Module Characteristics : Provides to following services
  Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
    Imports : org.glassfish.common:dol:1.0
    Imports : org.glassfish.common:common-util:1.0
    Imports : org.glassfish.core:javaee-core:1.0
    Imports : org.glassfish.common:glassfish-ee-api:1.0
    Imports : org.glassfish.core:kernel:1.0
    Imports : org.glassfish.common:glassfish-api:1.0
    Imports : org.glassfish.javax:javaee:1.0
  Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/jpa-connector-10.0-SNAPSHOT.jar
Module : org.glassfish.core:security:1.0
  properties=(visibility=public,)
State=READY)
  Module Characteristics : Provides to following services
  Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
    Imports : org.glassfish.security:realms:1.0
    Imports : org.glassfish.security:securitycommon:1.0
    Imports : org.glassfish.admin:config-api:1.0

```

EXAMPLE 1 Using the list-modules command (Continued)

```

Imports : org.glassfish.common:glassfish-api:1.0
Imports : org.glassfish.common:dol:1.0
Imports : org.glassfish.common:common-util:1.0
Imports : org.glassfish.core:kernel:1.0
Imports : org.glassfish:javax.javaee:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/security-10.0-SNAPSHOT.jar
  Jar : file:/C:/glassfish/modules/jmac-1.0.jar
Module : org.glassfish.admin:admin-core:1.0
  properties=(visibility=public,)
State=READY)
  Module Characteristics : Provides to following services
  Module Characteristics : List of imported modules
    Imports : org.glassfish.admin:admin-util:1.0
    Imports : org.glassfish.common:common-util:1.0
  Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/admin-core-10.0-SNAPSHOT.jar
Module : org.glassfish.admin:config-api:1.0
  properties=(visibility=public,)
State=READY)
  Module Characteristics : Provides to following services
  Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
    Imports : org.glassfish.common:amx-api:1.0
    Imports : org.glassfish.common:universal:1.0
    Imports : org.glassfish.common:glassfish-api:1.0
  Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/config-api-10.0-SNAPSHOT.jar
Module : org.glassfish.common:annotation-framework:1.0
  properties=(visibility=public,)
State=READY)
  Module Characteristics : Provides to following services
  Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
  Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/annotation-framework-10.0-SNAPSHOT.jar
Module : org.glassfish:javax.javaee:1.0
  properties=(visibility=public,)
State=READY)
  Module Characteristics : Provides to following services
  Module Characteristics : List of imported modules
  Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/javax.javaee-10.0-SNAPSHOT.jar
Module : org.glassfish.admin:admin-util:1.0
  properties=(visibility=public,)
State=READY)

```

EXAMPLE 1 Using the list-modules command (Continued)

```

Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
    Imports : org.glassfish.external:apache-commons:1.0
    Imports : org.glassfish.common:common-util:1.0
Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/admin-util-10.0-SNAPSHOT.jar
Module : org.glassfish.security:realms:1.0
    properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
    Imports : org.glassfish.security:securitycommon:1.0
    Imports : org.glassfish.admin:config-api:1.0
    Imports : org.glassfish.common:glassfish-api:1.0
    Imports : org.glassfish.common:common-util:1.0
    Imports : org.glassfish.common:dol:1.0
    Imports : org.glassfish.common:glassfish-ee-api:1.0
Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/realms-10.0-SNAPSHOT.jar
Module : org.glassfish.admingui:console-plugin-service:1.0
    properties=(visibility=public,)
State=NEW)
Module : org.glassfish.common:internal-api:1.0
    properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/internal-api-10.0-SNAPSHOT.jar
Module : org.glassfish.web:gf-web-connector:1.0
    properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
    Imports : com.sun.enterprise:hk2:1.0
    Imports : org.glassfish.javax:javaee:1.0
    Imports : org.glassfish.web:webtier:1.0
    Imports : org.glassfish.web:war-util:1.0
    Imports : org.glassfish.common:common-util:1.0
    Imports : org.glassfish.common:glassfish-api:1.0
    Imports : org.glassfish.core:kernel:1.0
Module Characteristics : List of Jars implementing the module
    Jar : file:/C:/glassfish/modules/gf-web-connector-10.0-SNAPSHOT.jar
Module : org.glassfish.admin:admin-cli:1.0

```

EXAMPLE 1 Using the list-modules command (Continued)

```

        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.registration:registration-api:1.0
        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.common:glassfish-ee-api:1.0
        properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish.javax.javaee:1.0
        Imports : org.glassfish.admin:config-api:1.0
Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/glassfish-ee-api-10.0-SNAPSHOT.jar
Module : org.glassfish.extras:gf-jruby-connector:1.0
        properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish.common:glassfish-api:1.0
        Imports : org.glassfish.core:kernel:1.0
        Imports : org.glassfish.common:common-util:1.0
Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/gf-jruby-connector-10.0-SNAPSHOT.jar
Module : org.glassfish.common:common-util:1.0
        properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish.common:glassfish-api:1.0
Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/common-util-10.0-SNAPSHOT.jar
Module : org.glassfish.core:glassfish:1.0
        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.common:glassfish-mbeanserver:1.0
        properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish.common:internal-api:1.0
Module Characteristics : List of Jars implementing the module

```


EXAMPLE 1 Using the list-modules command (Continued)

```

        Jar : file:/C:/glassfish/modules/glassfish-mbeanserver-1.0.jar
Module : org.glassfish.external:grizzly-jruby-module:1.0
        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.admin:server-mgmt:1.0
        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.common:common-ee-util:1.0
        properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
        Imports : org.glassfish.common:glassfish-api:1.0
        Imports : org.glassfish.common:common-util:1.0
        Imports : org.glassfish:javax.javaee:1.0
    Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/common-ee-util-10.0-SNAPSHOT.jar
Module : org.glassfish.core:jta:1.0
        properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish:javax.javaee:1.0
        Imports : org.glassfish.common:glassfish-api:1.0
        Imports : org.glassfish.common:glassfish-ee-api:1.0
        Imports : org.glassfish.common:container-common:1.0
        Imports : org.glassfish.common:common-util:1.0
    Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/jta-10.0-SNAPSHOT.jar
Module : org.glassfish.external:grizzly-module:1.0
        properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
    Module Characteristics : List of Jars implementing the module
        Jar : file:/C:/glassfish/modules/grizzly-module-1.7-SNAPSHOT.jar
Module : org.glassfish.common:amx-impl:1.0
        properties=(visibility=public,)
State=READY)
    Module Characteristics : Provides to following services
    Module Characteristics : List of imported modules
        Imports : com.sun.enterprise:hk2:1.0
        Imports : org.glassfish.common:amx-api:1.0
        Imports : org.glassfish.common:glassfish-mbeanserver:1.0
        Imports : org.glassfish.common:common-util:1.0

```

EXAMPLE 1 Using the list-modules command (Continued)

```

Imports : org.glassfish.common:glassfish-api:1.0
Module Characteristics : List of Jars implementing the module
Jar : file:/C:/glassfish/modules/amx-impl-10.0-SNAPSHOT.jar
Jar : file:/C:/glassfish/modules/jmxremote_optional-1.0_01-ea.jar
Module : org.glassfish.web:jsf-connector:1.0
properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
Imports : com.sun.enterprise:hk2:1.0
Imports : org.glassfish.javax.javaee:1.0
Imports : org.glassfish.common:glassfish-api:1.0
Imports : org.glassfish.common:common-util:1.0
Imports : org.glassfish.common:container-common:1.0
Module Characteristics : List of Jars implementing the module
Jar : file:/C:/glassfish/modules/web/jsf-connector-10.0-SNAPSHOT.jar
Module : org.glassfish.common:universal:1.0
properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
Module Characteristics : List of Jars implementing the module
Jar : file:/C:/glassfish/modules/universal-10.0-SNAPSHOT.jar
Module : org.glassfish.admin:backup:1.0
properties=(visibility=public,)
State=NEW)
Module : org.glassfish.connectors:gf-connectors-connector:1.0
properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
Imports : com.sun.enterprise:hk2:1.0
Imports : org.glassfish.common:dol:1.0
Imports : org.glassfish.common:common-util:1.0
Imports : org.glassfish.core:kernel:1.0
Imports : org.glassfish.common:glassfish-api:1.0
Module Characteristics : List of Jars implementing the module
Jar : file:/C:/glassfish/modules/gf-connectors-connector-10.0-SNAPSHOT.jar
Module : org.glassfish.core:shared-components:1.0
properties=(visibility=public,)
State=NEW)
Module : org.glassfish.web:jstl-impl:1.0
properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules

```

EXAMPLE 1 Using the list-modules command (Continued)

```

Imports : org.glassfish.javax.javaee:1.0
Imports : com.sun.enterprise:hk2:1.0
Imports : org.glassfish.common:glassfish-api:1.0
Imports : org.glassfish.common:common-util:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/web/jstl-impl-10.0-SNAPSHOT.jar
Module : org.glassfish.security:securitycommon:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.admin:config-api:1.0
  Imports : org.glassfish.common:glassfish-api:1.0
  Imports : org.glassfish.common:common-util:1.0
  Imports : org.glassfish.common:dol:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/securitycommon-10.0-SNAPSHOT.jar
Module : org.glassfish.persistence:eclipselink-wrapper:1.0
  properties=(visibility=public,)
State=NEW)
Module : org.glassfish.web:war-util:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : org.glassfish.common:common-util:1.0
  Imports : org.glassfish.javax.javaee:1.0
  Imports : org.glassfish.common:glassfish-api:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/war-util-10.0-SNAPSHOT.jar
Module : org.glassfish.web:webtier-all:1.0
  properties=(visibility=public,)
State=NEW)
Module : org.glassfish.common:glassfish-api:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.external:grizzly-module:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/glassfish-api-10.0-SNAPSHOT.jar
Module : org.glassfish.core:javaee-core:1.0
  properties=(visibility=public,)
State=READY)

```

EXAMPLE 1 Using the list-modules command (Continued)

```

Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.common:glassfish-api:1.0
  Imports : org.glassfish.common:glassfish-ee-api:1.0
  Imports : org.glassfish.common:dol:1.0
  Imports : org.glassfish.common:common-util:1.0
  Imports : org.glassfish.admin:config-api:1.0
  Imports : org.glassfish.core:kernel:1.0
  Imports : org.glassfish.common:internal-api:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/javaee-core-10.0-SNAPSHOT.jar
Module : org.glassfish.common:amx-api:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/amx-api-2.0-SNAPSHOT.jar
Module : org.glassfish.connectors:connectors-runtime:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : org.glassfish:javax.javaee:1.0
  Imports : org.glassfish.core:javaee-core:1.0
  Imports : org.glassfish.common:common-util:1.0
  Imports : org.glassfish.common:common-ee-util:1.0
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.common:glassfish-ee-api:1.0
  Imports : org.glassfish.common:glassfish-api:1.0
  Imports : org.glassfish.common:dol:1.0
  Imports : org.glassfish.admin:config-api:1.0
  Imports : org.glassfish.core:kernel:1.0
  Imports : org.glassfish.common:container-common:1.0
  Imports : org.glassfish.core:security:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/connectors-runtime-10.0-SNAPSHOT.jar
Module : org.glassfish.common:container-common:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
  Imports : org.glassfish:javax.javaee:1.0
  Imports : com.sun.enterprise:hk2:1.0
  Imports : org.glassfish.common:glassfish-naming:1.0

```

EXAMPLE 1 Using the list-modules command *(Continued)*

```

Imports : org.glassfish.common:glassfish-api:1.0
Imports : org.glassfish.common:glassfish-ee-api:1.0
Imports : org.glassfish.common:dol:1.0
Imports : org.glassfish.common:common-util:1.0
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/container-common-10.0-SNAPSHOT.jar
Module : org.glassfish.admin:launcher:1.0
  properties=(visibility=public,)
State=NEW)
Module : com.sun.enterprise:hk2:1.0
  properties=(visibility=public,)
State=READY)
Module Characteristics : Provides to following services
Module Characteristics : List of imported modules
Module Characteristics : List of Jars implementing the module
  Jar : file:/C:/glassfish/modules/hk2-0.2-SNAPSHOT.jar
  Jar : file:/C:/glassfish/modules/tiger-types-1.0.jar
  Jar : file:/C:/glassfish/modules/config-0.2-SNAPSHOT.jar
  Jar : file:/C:/glassfish/modules/wstx-asl-3.2.3.jar
  Jar : file:/C:/glassfish/modules/auto-depends-0.2-SNAPSHOT.jar
  Jar : file:/C:/glassfish/modules/hk2-core-0.2-SNAPSHOT.jar
  Jar : file:/C:/glassfish/modules/stax-api-1.0-2.jar
Command list-modules executed successfully

```

Exit Status 0 command executed successfully
 1 error in executing the command

See Also list-commands(1), list-components(1), list-containers(1)