

**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** **[Remark 1 : Would it be possible to provide more detail, for example, some indication of how this information might be used?]** 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: **[Remark 2 : What other statuses are possible?]**  
**[Remark 3 : What is the meaning of each possible status?]**

- NEW
- READY

**[Remark 4 : Is the statement that this command supported in remote mode only correct?]** This command is supported in remote mode only. **[Remark 5 : Does the list-modules command take the common options that are listed below?]**

**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  
Setting to true will echo the command line statement 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/S port for administration. This is the port to which you should point your browser in order to manage the domain. For example, `http://localhost:4848`.  
  
The default port number is 4848.
- s --secure  
If set to true, uses SSL/TLS to communicate with the domain administration server.
- u --user  
The authorized domain administration server administrative username.  
  
If you have authenticated to a domain using the `asadmin login` command, then you need not specify the `--user` option on subsequent operations to this particular domain.

**--passwordfile**

The `--passwordfile` option specifies the name, including the full path, of a file containing the password entries in a specific format. The entry for the password must have the `AS_ADMIN_` prefix followed by the password name in uppercase letters.

For example, to specify the domain administration server password, use an entry with the following format: `AS_ADMIN_PASSWORD=password`, where *password* is the actual administrator password. Other passwords that can be specified include `AS_ADMIN_MAPPEDPASSWORD`, `AS_ADMIN_USERPASSWORD`, and `AS_ADMIN_ALIASPASSWORD`.

All remote commands must specify the admin password to authenticate to the domain administration server, either through `--passwordfile` or `asadmin login`, or interactively on the command prompt. The `asadmin login` command can be used only to specify the admin password. For other passwords, that must be specified for remote commands, use the `--passwordfile` or enter them at the command prompt.

If you have authenticated to a domain using the `asadmin login` command, then you need not specify the admin password through the `--passwordfile` option on subsequent operations to this particular domain. However, this is applicable only to `AS_ADMIN_PASSWORD` option. You will still need to provide the other passwords, for example, `AS_ADMIN_USERPASSWORD`, as and when required by individual commands, such as `update-file-user`.

For security reasons, passwords specified as an environment variable will not be read by `asadmin`.

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

**--help**

Displays the help text for the command.

**Is this example valid?**

**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
  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
```

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

```

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
    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

```

EXAMPLE 1 Using the list-modules command (Continued)

```
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
  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
```

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

```

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
    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

```

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

```
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)
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
```

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

```

        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
        properties=(visibility=public,)
State=NEW)
Module : org.glassfish.registration:registration-api:1.0
        properties=(visibility=public,)
State=NEW)

```

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

```
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
  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
```



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

```

    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
        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

```

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

```

    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
    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

```

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

```

    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)
    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

```

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

```

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
  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

```

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

```

        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)