

Name start-database– starts the Java DB

Synopsis start-database [`--dbhost host`] [`--dbport port-no`]
[`--dbhome db-file-path`] [`--echo={false|true}`]
[`--terse={false|true}`]

Description The `start-database` subcommand starts the Java™ DB server that is available for use with Enterprise Server. Java DB is based upon Apache Derby. Use this subcommand only for working with applications deployed to the Enterprise Server.

When you start Java DB server by using the `start-database` subcommand, the database server is started in Network Server mode. Clients connecting to it must use the Java DB ClientDriver. For details on connecting to the database, refer to the Apache Derby documentation.

When the database server starts, or a client connects to it successfully, the following files are created:

- The `derby.log` file that contains the database server process log along with its standard output and standard error information
- The database files that contain your schema (for example, database tables)

These files are created at the location that is specified by the `--dbhome` option. To create the database files at a particular location, you *must* set the `--dbhome` option. If the `--dbhome` option is not specified, the `start-database` subcommand determines where to create these files as follows:

- If the current working directory contains a file that is named `derby.log`, the `start-database` subcommand creates the files in the current working directory.
- Otherwise, the `start-database` subcommand creates the files in the `as-install/databases` directory.

The `start-database` subcommand starts the database process, even if it cannot write to the log file.

This subcommand is supported in local mode only.

Options `--dbhost`

The host name or IP address of the Java DB server process. The default is the IP address 0.0.0.0, which denotes all network interfaces on the host where you run the `start-database` subcommand.

`--dbport`

The port number where the Java DB server listens for client connections. This port must be available for the listen socket, otherwise the database server will not start. The default is 1527.

--dbhome

The absolute path to the directory where the database files and the `derby.log` file are created. If the `--dbhome` option is not specified, the `start-database` subcommand determines where to create these files as follows:

- If the current working directory contains a file that is named `derby.log`, the `start-database` subcommand creates the files in the current working directory.
- Otherwise, the `start-database` subcommand creates the files in the *as-install/databases* directory.

To create the database files at a particular location, you *must* set the `--dbhome` option.

-e --echo

Setting to true echoes the subcommand line statement on the standard output. Default is false.

-t --terse

Setting to false displays detailed database information. Default is false.

Examples **EXAMPLE 1** Starting Java DB

This example starts Java DB on the host `host1` and port 5001:

```
asadmin> start-database --dbhost host1 --dbport 5001 --terse=true
Starting database in the background. Log redirected to
/opt/SUNWappserver/databases/derby.log.
```

Exit Status The exit status applies to errors in executing the `asadmin` utility. For information on database errors, see the `derby.log` file. This file is located in the directory you specify by using the `--dbhome` option when you run the `start-database` subcommand. If you did not specify `--dbhome`, the value of `DERBY_INSTALL` defaults to *as-install/javadb*.

0	subcommand executed successfully
1	error in executing the subcommand

See Also `stop-database(1)`

[asadmin\(1M\)](#)

