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Quick Start Guide

This guide gives details on how to get started and run samples for IBM DAV



Product overview

IBM DAV is a technology that enables computationally-intensive applications to take advantage of accelerated libraries on remote, back-end systems (including Cell Broadband Engine), reducing time to deployment and disruption to business.

1 Step 1: Accessing your software and documentation



Full Installation files for IBM DAV are on the IBM DAV alphaWorks website at

<http://www.alphaworks.ibm.com/tech/dav/download>

For complete documentation, including installation instructions, see the IBM DAV User Guide at

<http://www.alphaworks.ibm.com/tech/dav/requirements>

2 Step 2: Client-side Installation



Windows

- Download and install *DavClientInstall.exe* on the client machine. By default, the client will be installed to `C:\Program Files\IBM\IBM DAV\Client`

Linux

- Download and install *dav-client.i386.rpm* on the client machine. By default, the client will be installed to `/usr/ibmdav/client`
- `rpm -ivh dav-client.1386.rpm`

3 Step 3: Server-side installation



Linux

- Download *dav-server.i386.rpm* for x86 server machines (*dav-server.ppc64.rpm* for IBM BladeCenter QS21, QS22).
- `rpm -ivh dav-server.i386.rpm` or `rpm -ivh dav-server.ppc64.rpm`.
- The server software will be installed to `/usr/ibmdav/server`

Note: Edit the `.bashrc` to include the `IBM_DAV_PATH`.

`IBM_DAV_PATH` is the path where IBM DAV is installed. By default this is `/usr/ibmdav/server`

4 Step 4: Start the Server-side



- `cd /usr/ibmdav/server/bin`
- To start the broker - `./davServiceBroker`
- To start services - `./dav start`

Note: If broker and bridges are on different nodes, edit the *IBM_DAV.conf* located at `/usr/ibmdav/server` to include the IP of the broker

5 Step 5: Running the Samples



Windows Client

- Edit the *IBM_DAV.conf* in the IBM DAV install directory (By default `C:\Program files\IBM\IBM DAV\Client`) to include the IP of the broker.
- `cd` to the sample directory, `C:\Program Files\IBM\IBM DAV\Client\samples\SampleLibrary\c` then `run.bat`
- `cd` to the java directory, `C:\Program Files\IBM\IBM DAV\Client\samples\SampleLibrary\java` then `run.bat`
- `cd` to excel directory, `C:\Program Files\IBM\IBM DAV\Client\samples\SampleLibrary\excel` then `run.bat`

Linux Client

- Edit the *IBM_DAV.conf* in the IBM DAV install directory (By default `/usr/ibmdav/client`) to include the IP of the broker.
- `cd` to the sample directory, `/usr/ibmdav/client/samples/SampleLibrary/c` then `./run.sh`
- `cd` to the java directory, `/usr/ibmdav/client/samples/SampleLibrary/java` then `./run.sh`

Note: IBM DAV PATH must be set on the Linux machine

Note: Edit the `.bashrc` to include the `IBM_DAV_PATH`.

`IBM_DAV_PATH` is the path where IBM DAV is installed. By default this is `/usr/ibmdav/client`

More information



For more information, see:

- The IBM DAV alphaWorks website at <http://www.alphaworks.ibm.com/tech/dav/>
- The IBM DAV User Guide.pdf at <http://www.alphaworks.ibm.com/tech/dav/requirements>