



## Introduction to IBM Tivoli Directory Server 6.0 – Installation and Configuration Using AIX Native Utilities

Excerpt taken from presentation given on April 10, 2007  
Installation and configuration of the Web Administration Tool (WAT) using AIX native utilities

**Support Technical Exchange Web site**  
[http://www-306.ibm.com/software/sysmgmt/products/support/supp\\_tech\\_exch.html](http://www-306.ibm.com/software/sysmgmt/products/support/supp_tech_exch.html)

8/10/2007

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## Installation –Native – Manually installing and configuring the Web Admin tool

- **There are two steps to the webadmin:**
  - Installation
  - Configuration
- **These steps are covered in detail in the Install and Configuration Guide for ITDS in the section entitled: Appendix H. Installing, configuring, and uninstalling the embedded version of WebSphere Application Server - Express**

IBM Tivoli Directory Server – ITDS 6.0 Replication

## Manually installing the Websphere Application Server

- cd to the directory where you extracted the C84FUML.tar file.
- cd to the “appsrv” directory

```

==> cd appsrv
[ root@ldapaixc1:/tmp/C84FUML/itdsV60/appsrv ]
==> ls
COPYRIGHT.TXT      etc                lib                properties
bin                install.sh         license            temp
classes            installableApps   logs              tmp
config             java              optionalLibraries util

```

Once inside the appsrv (application server) directory, simply run the following command to install the Websphere Application Server.

```

#./install.sh -installRoot /opt/IBM/ldap/V6.0/appsrv -hostName localhost

```

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What I saw from command line:

```

==> ls
appsrv      itds      license
doc         itdsLangpack tools
[ root@ldapaixc1:/opt/IBM/native/server/itdsV60 ]
==> cd appsrv
[ root@ldapaixc1:/opt/IBM/native/server/itdsV60/appsrv ]
==> ls
COPYRIGHT.TXT      etc                lib                properties
bin                install.sh         license            temp
classes            installableApps   logs              tmp
config             java              optionalLibraries util
[ root@ldapaixc1:/opt/IBM/native/server/itdsV60/appsrv ]
==> ./install.sh -installRoot /opt/IBM/ldap/V6.0/appsrv -hostname localhost
[ root@ldapaixc1:/opt/IBM/native/server/itdsV60/appsrv ]

```

I now notice in my /opt/IBM/ldap/V6.0 that an appsrv now exists



Installing appsrv is only ½ the battle, you must now configure!

- **By running the install script in the previous slide we have installed the appsrv, but we must now configure (or deploy the IDSSWebApp.war) for use.**
- **We must first get the IDSSWebApp.war in the correct location to deploy:**
- **#cd /opt/IBM/ldap/V6.0/appsrv**  
**#mkdir installableApps**  
**#cp /opt/IBM/ldap/V6.0/idstools/IDSSWebApp.war**  
**/opt/IBM/ldap/V6.0/appsrv/installableApps/**



## Deploying the IDWebApp.war

- To deploy the webapp we need to run the following command:
- `#cd /opt/IBM/ldap/V6.0/appsrv/bin`
- `#!/wsadmin.sh -conntype NONE -c "$AdminApp install {/opt/IBM/ldap/V6.0/appsrv/installableApps/IDWebApp.war} {-configroot \"/opt/IBM/ldap/V6.0/appsrv/config\"} -node DefaultNode -usedefaultbindings -nodeployejb -appname IDWebApp.war -contextroot \"IDWebApp\"} “`
- This will run for some time, but upon completion you should see the message:  
**ADMA5013I: Application IDWebApp.war installed successfully.**



## Now we can start the server1 process:

Once we have successfully deployed the war file we can proceed to start application server, server1.

- `#cd /opt/IBM/ldap/V6.0/appsrv/bin`
- Issue the following command to start the application server  
`#!/startServer.sh server1`

▪ Output you will see:

**ADMU0116I:** Tool information is being logged in file

`/opt/IBM/ldap/V6.0/appsrv/logs/server1/startServer.log`

**ADMU3100I:** Reading configuration for server: server1

**ADMU3200I:** Server launched. Waiting for initialization status.

**ADMU3000I:** Server server1 **open for e-business**; process id is 344128

We can now access the Web Administration tool. Now we can proceed to create and configure our ITDS server.



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