

# Install Alfresco in Solaris GlassFish

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Glassfish is included in standard Solaris 10 installation.

## (optionally) Construct a zone

```
root@sol0-0 SOL0 /root# cat ZoneCfg/glass1.zone
create -b
set zonepath=/export/zones/glass1
set autoboot=true
set ip-type=shared
add fs
set dir=/usr/local
set special=/export/zones/local/glass1
set type=lofs
end
add fs
set dir=/home
set special=/export/home
set type=lofs
add options rw
add options nodevices
end
add net
set address=192.168.10.74
set physical=e1000g0
end
```

## (optionally in the zone), create default domain

```
root@glass1 Glass1 /var/appserver# asadmin create-domain --adminport 7070 --adminuser admin glass1
Please enter the admin password>
Please enter the admin password again>
Please enter the master password>
Please enter the master password again>
Using default port 8080 for HTTP Instance.
Using default port 7676 for JMS.
Using default port 3700 for IIOP.
Using default port 8181 for HTTP_SSL.
Using default port 3820 for IIOP_SSL.
Using default port 3920 for IIOP_MUTUALAUTH.
Using default port 8686 for JMX_ADMIN.
Domain glass1 created.
```

## start domain

```
root@glass1 Glass1 /var/appserver# asadmin start-domain
Starting Domain glass1, please wait.
Log redirected to /var/appserver/domains/glass1/logs/server.log.
Please enter the master password>
Domain glass1 is ready to receive client requests. Additional services are being started in background.
```

```
root@glass1 Glass1 /var/appserver# asadmin list-domains
```

```
glass1 running
Command list-domains executed successfully.
```

## access Web frontend

```
http://glass1:7070/
```

= install JDBC driver

```
$ wget http://mysql.osuosl.org/Downloads/Connector-J/mysql-connector-java-5.1.6.tar.gz
```

You might be better off going to <http://dev.mysql.com/downloads/connector/j/5.1.html> and choosing where to get it from.

## Unpack this somewhere and copy mysql-connector-java-5.1.6-bin.jar to the Glassfish domain's lib directory

```
$ cp mysql-connector-java-5.1.6-bin.jar /var/appserver/domains/domain1/lib
```

Create alfresco classes directory;

```
$ mkdir /var/appserver/domains/domain1/lib/classes/alfresco
```

= Copy and install Alfresco WAR Community Edition=

```
root@glass1 Glass1 /usr/src# cp /filer/Software/UNIX/Misc/alfresco-community-war-3.3g.tar.gz .
root@glass1 Glass1 /usr/src# gunzip alfresco-community-war-3.3g.tar.gz
```

## Copy Alfresco class files

```
cp -Rp extensions /var/appserver/domains/glass1/lib/classes/alfresco/
```

## configure Alfresco

```
cp alfresco-global.properties alfresco-global.properties.ORIG
rm alfresco-global.properties
dos2unix alfresco-global.properties.ORIG > alfresco-global.properties
vi alfresco-global.properties
```

## check for DB access and existence of alf\_store

## modify alfresco.war

```
cd /usr/src/alfresco/
mkdir WEB-INF
cd WEB-INF/
```

vi sun-web.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE sun-web-app PUBLIC "-//Sun Microsystems, Inc.//DTD Application Server 8.1 Servlet 2.4//EN" "http://www.sun.com/software/appserver
/dtds/sun-web-app_2_4-1.dtd">
<sun-web-app>
<class-loader delegate="false"/>
<property name="useMyFaces" value="true"/>
</sun-web-app>
```

cd ..

```
jar uvf alfresco.war WEB-INF/sun-web.xml
```

## deploy Alfresco to GlassFish

```
root@glass1 Glass1 /usr/src/alfresco# asadmin list-domains
glass1 running
Command list-domains executed successfully.
```

```
root@glass1 Glass1 /usr/src/alfresco# asadmin deploy --user admin --port 7070 alfresco.war
```

```
Please enter password>  
Command deploy executed successfully.
```

see also: [http://wiki.alfresco.com/wiki/Alfresco\\_on\\_Glassfish](http://wiki.alfresco.com/wiki/Alfresco_on_Glassfish)