

Third Party Software: How do I install Oracle 's JRE/JDK on a Bright Cluster?

After downloading the JDK (or JRE) RPM package from Oracle you can install it as follows:

```
rpm -Uvh --relocate /usr/java=/cm/shared/apps/java jre-7u55-linux-x64.rpm
```

```
cd /cm/shared/apps/java
```

```
ln -s jre1.7.0_55 current
```

After that you need to add an environment modules file:

```
mkdir -p /cm/shared/modulefiles/oracle/java
```

```
cd /cm/shared/modulefiles/oracle/java
```

Create a text file called jre1.7.0_55

Add the following contents to that file:

```
##Module -*- tcl -*-
##
## modulefile
##
proc ModulesHelp { } {
    puts stderr "\tAdds Oracle Java JRE 1.7.0_55 to your environment variables,"
}

module-whatis "adds Adds Oracle Java JRE 1.7.0_55 to your environment variables"

set root /cm/shared/apps/java/jre1.7.0_55
prepend-path PATH $root/bin
prepend-path LD_LIBRARY_PATH $root/lib:$root/lib64
setenv JAVA_HOME $root
```

Verify that the correct version of Java is used:

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```
[root@kerndev java]# module load oracle/java  
[root@kerndev java]# which java  
/cm/shared/apps/java/jre1.7.0_55/bin/java  
[root@kerndev java]#
```

Unique solution ID: #1195

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