

# Customizing startServer.bat/startServer.sh

Typically in a enterprise level, system administrators like to customize their environment in a restricted manner. Here are a few start up options that can be used to control the Repertoire Server.

<path to java >/java.exe [OPTIONS] RepertoireServer-Launcher.jar

where [OPTIONS] are

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***-ms1024M -mx1024M or -Xms1024M -Xmx1024M***

This enables Repertoire Server to use 1G of system RAM.

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***-Dcom.sun.management.jmxremote -Dcom.sun.management.jmxremote.port=8004  
-Dcom.sun.management.jmxremote.authenticate=false  
-Dcom.sun.management.jmxremote.ssl=false***

This enables JCONSOLE to be able to monitor the JVM's health including memory, classes load, threads, CPU performance.

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***-Delixir.ext=E:\Repositories\Applications\ERS\_Builder\ER\_Extensions***

By default Repertoire Server loads up all the jar files in the *installation/ext* folder. However, you can fix this location using the above start up parameter.

Ensure that this location has read and write access.

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***-Djava.io.tmpdir=P:\elx\_temp***

By default, Repertoire Server uses your system temp folder to write temporary files created during report generation or datasource generation or dashboard publishing. In Windows, it would be your Windows temp folder, in Unix it would be at your */var/tmp* folder. If left unattended, this folder would store a lot of old cached files and eventually run out of disk space.

The following are the typical errors:

## ERROR 1

*Caused by: java.io.IOException: No space left on device  
at java.io.UnixFileSystem.createFileExclusively(Native Method)  
at java.io.File.checkAndCreate(File.java:1704)  
at java.io.File.createTempFile(File.java:1793)  
at javax.imageio.stream.FileCacheImageInputStream.<init>(FileCacheImageInputStream.java:80)  
at  
com.sun.imageio.spi.InputStreamImageInputStreamSpi.createInputStreamInstance(InputStreamImageI  
nputStreamSpi.java:51)  
at javax.imageio.ImageIO.createImageInputStream(ImageIO.java:331)  
... 19 more*

## ERROR 2

*javax.servlet.ServletException: Rendering exception: java.io.FileNotFoundException:  
/var/tmp/EmbeddedJetty/store/1omtzfpntt8jt/YYA/report.txt (No such file or directory)*

By using this option, you can monitor and clean up a specific folder regularly.

Ensure that this location has read and write access.

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***-Delixir.db=/usr/etc/elixir-db***

By default, Repertoire Server initially starts up by creating a db folder under its installation directory. You can also specify this folder location by using the above option. This also allows the system administrator to control the growth of the database.

Ensure that this location has read and write access.

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***-Delixir.config=/etc/config***

By default, Repertoire Server reads all the configuration files from its *installation/config* folder. You can also specify a fixed location if necessary.

Ensure that this location has read and write access.