

## Automatic backing up repository by using batch file



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This document explains the complete RED command line example code to automate the backing up repository by using the window batch script. Use the scheduler to back up the 3d repository daily, weekly, monthly or by request.

### Backing up a repository syntax

Backuprepo -repo ( 3d Repository Name)

-o -- Name of the back file (3drepository name.repo)

[-f] (Force overwrite)

[-c] (Save local credentials)

Ensure the current directory is where the jar is located.

#### Example 1

Open the Command line.

Go to the folder C:\Program Files\WhereScape\WhereScape 3D>

Execute the below example through command line

```
java -Xmx512m -XX:MaxMetaspaceSize=256m -splash: -jar WhereScape-3D-HEAD-bundle.jar backuprepo -repo  
"Local repository"  
-o backup.repo  
-f
```

#### Example 2

```
java -Xmx512m -XX:MaxMetaspaceSize=256m -splash: -jar WhereScape-3D-HEAD-bundle.jar backuprepo -repo  
"Local repository"  
-o backup.repo  
-f  
-c
```

Step 1: Create the host script in wherescape RED. Right click the script and create the new object.

Add a New Metadata Object ✕

Define the Type and Name of the New Object.  
Specific information for each object type is defined in subsequent screens.

Object Type:

Object Name:

Step 2: Name of the script "3d Backup repository". Click add button. Choose the properties setting. Please refer to the screen shot and click ok.

Host Script 3d Backup Repository ✕

Properties

Notes

Name:  Type:

Purpose:

Owner:   Delete Lock

Last Update By:

Connection Name:

Edit Lock

Locked For Edit By:

Edit Lock Reason or Last Update:

Timestamps

Created:  Last Update:  Compiled:

Step 3: Paste the below script and make sure to change the repository name and file location and folder.

Complete script

```
@ECHO OFF

SETLOCAL ENABLEDELAYEDEXPANSION

SETLOCAL ENABLEEXTENSIONS

REM

REM =====

REM Purpose:   WhereScape RED Windows Host Script for scheduling
REM           WhereScape 3D processing.

@ECHO OFF

SETLOCAL ENABLEDELAYEDEXPANSION

SETLOCAL ENABLEEXTENSIONS

REM

REM =====

REM Purpose:   WhereScape RED Windows Host Script for scheduling
REM           WhereScape 3D processing.
REM Generated by: WhereScape 3D

REM =====

REM

SET "LOGFILE=C:\temp\3Ddisc.aud"

SET "ERRFILE=C:\temp\3Ddisc.err"

SET "LOCATION=M:\DataVault\BackupRepository\Reposrtyname_"

set CUR_YYYY=%date:~10,4%

set CUR_MM=%date:~4,2%

set CUR_DD=%date:~7,2%

set SUBFILENAME=%CUR_YYYY%%CUR_MM%%CUR_DD%

set "FEXT=.repo"
```

```
set FILELOCATION=%LOCATION%%SUBFILENAME%%FEXT%
```

```
cd "C:\Program Files\WhereScape\WhereScape 3D>"
```

```
jre\bin\Java -Xmx512m -XX:MaxMetaspaceSize=256m -splash: -jar WhereScape-3D-HEAD-bundle.jar backuprepo -  
repo "Your repository name " -o %FILELOCATION% -f
```

```
ECHO 1
```

```
ECHO WhereScape 3D process has completed
```

```
TYPE "%LOGFILE%"
```

```
TYPE "%ERRFILE%" 1>&2
```

Step 4: schedule the task for the backup repository by daily ,weekly or monthly

Job Definition

Job Name: Backup Repository

Description:

Frequency: Hold

Start Date: Sunday, May 1, 2022

Start Time: 9:50:00 PM

Maximum Threads: 1

Scheduler: Windows Only

Dependent On: Parent job | Fail | Look back (minutes) | Maximum wait (minutes) | Add Parent Job | Remove Parent

Logs Retained: 0 This field lets you set the number of logs that are retained for this job before an automatic delete and archive occurs. 0 = keep all logs (default action)

The following two fields are optional. They are executed after the job completes and therefore need to reflect the scheduler environment. (i.e. Unix or Windows). The special variables \$JOB\_KEY\$, \$JOB\_SEQ\$ and \$JOB\_NAME\$ can be used to return the associated values.  
The Success command will be executed if a successful completion, the failure command will be executed if a job fails to complete:

Success Command:

Failure Command:

Execute Failure Command in event of dependency failure

OK Cancel Help

Choose the backup script to run .

The screenshot shows a software interface with two main panels. The left panel, titled 'Available Objects', contains a tree view of objects under a 'Host Script' folder. The right panel, titled 'Job Tasks', contains a table with columns for 'Object', 'Action', and 'Order'.

Object	Action	Order
backup Repository	Execute	10.10