

# Backing Up all Jedox Data with Batch Files

On Windows, a backup of all changed data in Jedox can be easily run with a scheduled task and a batch file. On Linux, we recommend a similar execution of cron jobs.

The following script of a batch file will back up all changed data in a standard Jedox installation. If you have an older Jedox version or a customized installation, then you have to adapt the script to your installation.

```
@echo off
  set Backup_folder=d:\Jedox\Backup
  set
Current_backup_folder=%Backup_folder%\backupset
0
  set Jedox_suite_folder=C:\Program Files
(x86)\Jedox\Jedox Suite
  set
Jedox_data_folder=%Jedox_suite_folder%\olap\data
  set
Jedox_storage_folder=%Jedox_suite_folder%\storage
  set
Jedox_etlserver_data_folder=%Jedox_suite_folder
%\tomcat\webapps\etlserver\data

if /I "%1" EQU "StopService" goto StopService
if /I "%1" EQU "StartService" goto
```

```
StartService
  if /I "%1" EQU "MaintainBackups" goto
MaintainBackups
  if /I "%1" EQU "DoBackup" goto DoBackup

:Main
call %0 StopService JedoxSuiteHttpdService
call %0 StopService JedoxSuiteCoreService
call %0 StopService JedoxSuiteTomcatService
call %0 StopService JedoxSuiteMolapService
call %0 MaintainBackups
call %0 DoBackup
call %0 StartService JedoxSuiteMolapService
call %0 StartService JedoxSuiteCoreService
call %0 StartService JedoxSuiteTomcatService
call %0 StartService JedoxSuiteHttpdService
goto :EOF

:StopService
@echo Stopping %2
set /a Max_wait_time=600
net stop %2
:Waiting_stopped
for /F "tokens=3 delims=: " %%H in ('sc query
"%2" ^| findstr " STATE"') do (
  if %Max_wait_time% LEQ 0 GOTO :StopTimeout

  if /I "%%H" NEQ "STOPPED" (
    ping localhost -n 6 > nul
    set /a Max_wait_time = Max_wait_time - 5
    goto Waiting_stopped
  )
)
goto :EOF
```

```
:StopTimeout
@echo Timeout waiting for service %2 to stop
exit

:StartService
@echo Starting %2
set /a Max_wait_time=600
net start %2
:Waiting_started
for /F "tokens=3 delims=: " %%H in ('sc query
"%2" ^| findstr " STATE"') do (
    if %Max_wait_time% LEQ 0 GOTO :StartTimeout

    if /I "%%H" NEQ "RUNNING" (
        ping localhost -n 6 > nul
        set /a Max_wait_time = Max_wait_time - 5
        goto Waiting_started
    )
)
goto :EOF

:StartTimeout
@echo Timeout waiting for service %2 to start
exit

:MaintainBackups
rmdir /S /Q %Backup_folder%\backupset7
ren %Backup_folder%\backupset6 backupset7
ren %Backup_folder%\backupset5 backupset6
ren %Backup_folder%\backupset4 backupset5
ren %Backup_folder%\backupset3 backupset4
ren %Backup_folder%\backupset2 backupset3
ren %Backup_folder%\backupset1 backupset2
ren %Backup_folder%\backupset0 backupset1
```

```
mkdir %Backup_folder%\backupset0
goto :EOF

:DoBackup
del "%Current_backup_folder%\*.*" /Q
mkdir %Backup_folder%\backupset0\olap_data
mkdir %Backup_folder%\backupset0\storage
mkdir %Backup_folder%\backupset0\httpd_conf
mkdir %Backup_folder%\backupset0\httpd_app_etc
mkdir %Backup_folder%\backupset0\httpd_php
mkdir %Backup_folder%\backupset0\core
mkdir %Backup_folder%\backupset0\tomcat_conf
mkdir
%Backup_folder%\backupset0\etlserver_data
mkdir
%Backup_folder%\backupset0\docroot_pr_custom
mkdir %Backup_folder%\backupset0\svs
xcopy "%Jedox_data_folder%\*.*"
"%Current_backup_folder%\olap_data /Y /E
rem activate next line to remove *.bin files
from the backup. This saves space at cost of a
slower first start after a restore.
rem del /s
"%Current_backup_folder%\olap_data\*.bin"
xcopy "%Jedox_storage_folder%\*.*"
"%Current_backup_folder%\storage /Y /E
xcopy "%Jedox_suite_folder%\httpd\conf\*.*"
"%Current_backup_folder%\httpd_conf /Y /E
xcopy
"%Jedox_suite_folder%\core\palo_config.xml"
"%Current_backup_folder%\core /Y
xcopy
"%Jedox_suite_folder%\core\ui_backend_config.xml"
"%Current_backup_folder%\core /Y
xcopy
```

```
"%Jedox_suite_folder%\httpd\app\etc\config.php"
"%Current_backup_folder%\httpd_app_etc /Y
xcopy "%Jedox_suite_folder%\httpd\php\php.ini"
"%Current_backup_folder%\httpd_php /Y
xcopy "%Jedox_etlserver_data_folder%\*.*"
"%Current_backup_folder%\etlserver_data /Y /E
xcopy
"%Jedox_suite_folder%\tomcat\conf\server.xml"
"%Current_backup_folder%\tomcat_conf /Y
xcopy
"%Jedox_suite_folder%\httpd\app\docroot\pr\custom\*.*"
"%Current_backup_folder%\docroot_pr_custom /Y
/E
xcopy "%Jedox_suite_folder%\svs\sep.inc.php"
"%Current_backup_folder%\svs /Y
xcopy
"%Jedox_suite_folder%\svs\custom_scripts\*.*"
"%Current_backup_folder%\svs /Y /E
xcopy
"%Jedox_suite_folder%\svs\sample_scripts\*.*"
"%Current_backup_folder%\svs /Y /E
rem remove *.archive files
del /s "%Jedox_data_folder%\*.archive"
```