

Migration From 7.x.x to 8.x.x

Introduction

This section describe the steps necessary to upgrade from [ERS7.2.0 - ERS7.7.0] to ERS8.x.x

Installation

Do NOT attempt to install version 8.x over the same location as an existing version 7.x.x installation as this would prevent ERS 8.x from starting up correctly.

The minimum Java Run Time requirement for version 8.x.x is Java 6 and above.

Configuration

DO NOT copy all configuration files in `<ERS7.x.x_installation>/config` over to `<ERS8.x.x_installation>/config` as this would prevent ERS 8.x.x from starting up correctly.

Instead, copy each piece of information from the old configuration file in version 7.x.x to the new configuration file in version 8.x.x.

For example, assume that in your current ERS setup, port number 8003 is used. To migrate this, simply edit the new **ERS.xml** in 8.x.x accordingly.

Core Engine

The default port used for ERS 8 is 8080. Note that entering an invalid port number in **ERS.xml** will prevent ERS8.x.x from starting up.

External Jars

Copy all existing jars in `ERS7.x.x_ext` folder to the new `ERS8.x.x_ext` folder.

Re-install Windows Service

Minor changes in the startup script are required when upgrading from version 7.1 or earlier. The following two Java system options are not needed anymore*:

- `-Djava.security.auth.login.config`
- `-Djava.security.policy`

If you are launching Repertoire server as a Windows service, you need to update (uninstall and install) the Windows service using the tools provided under 'windows-service' directory.

* Javascript security has been enhanced

We have enhanced security support for Javascript so that scripts written by users will be executed with limited privileges (these are configurable by administrators).

If you have a script that ran correctly with version 7.x.x, but fails in the new release, you should check if the script contains privileged actions (such as establishing network connections or accessing files on hard disk, etc.).

You should verify that these operations are safe. If you believe they are necessary, you can then fine tune the security policies in **config/java2.policy** for your users. See the user manual for more details.

Repository and Users/Roles

To migrate user/roles information from repository version 7.x.x to version 8.x.x:

1. Ensure that ERS 7.x.x is not started (Failure to do so will cause missing information to be migrated)
2. Copy *<ERS7.x.x_installation>/db* (should also contain 'fs' and 'system' directories)*
3. Ensure that ERS 8.x.x is not started
4. Paste into (as copied in Step 2) *<ERS7.x.x_installation>/db*
5. Start ERS 8.x.x. The repository and user/role information will be successfully migrated.

*Once you have migrated forward, you cannot migrate backwards with the same db (containing your filesystem, user role)