Using different JRE version for D2000

Using different version of JRE for D2000

In some cases (application compatibility, security patches, ...) it is necessary to use a different version of **JRE** (Java Runtime Environment) as supplied with D2000.

JRE for 32-bit processes D2000 is located in the directory **D2000_EXE\java\jre**, for 64-bit processes in **D2000_EXE\java64\jre**.

Changing JRE in D2000

The following procedure describes the steps needed to change JRE in D2000:

1. Get the required **JRE** 32-bit and/or 64-bit (ideally of a package, in which the JRE is in the form of files/folders, i.e. not as an installer, http://www.oracle.com/technetwork/java/javase/downloads/index.html, can be downloaded as a package in form of *jre-*-windows-i586.tar.gz* or *jre-*-windows-x64.tar.gz*).
2. Stop the entire D2000 system.
3. Backup the original content of directory *D2000_EXE\java\jre resp. D2000_EXE\java64\jre*.
4. Delete the content of directory *D2000_EXE\java\jre resp. D2000_EXE\java64\jre*.
5. Into the application directory, copy the directory *D2000.EXE\java\tcl\www\WEB-INF* and run web server.
6. If necessary, download and apply *'Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy Files for JDK/JRE'* (http://www.oracle.com/technetwork/java/javase/downloads/index.html).
7. Run the D2000 system. The application scripts in Java will be automatically recompiled.
   Note: For correct functioning of the D2000 system, it needs a file *'D2000_EXE\java\jre\release'* or *'D2000_EXE\java64\jre\release'*. The file is a standard part of JRE. In case of package *'JDK'* and *'Server JRE'* it is in JRE package located in the sub-directory *'/jre'*, therefore it is needed to copy only content of this sub-directory into D2000 and to copy *'release'* file of the root directory of the package.

   The D2000 system by default supports and it is tested with **JRE 7** and **JRE 8**.