Batch Files to start the Environment Federate with the MÄK RTI on Windows

----

Version 1.0

Tested on Windows 7 64-Bit

Munich University of Applied Sciences

Immanuel Neumann, Greg Yeutter

March 14, 2013

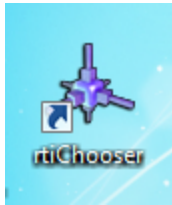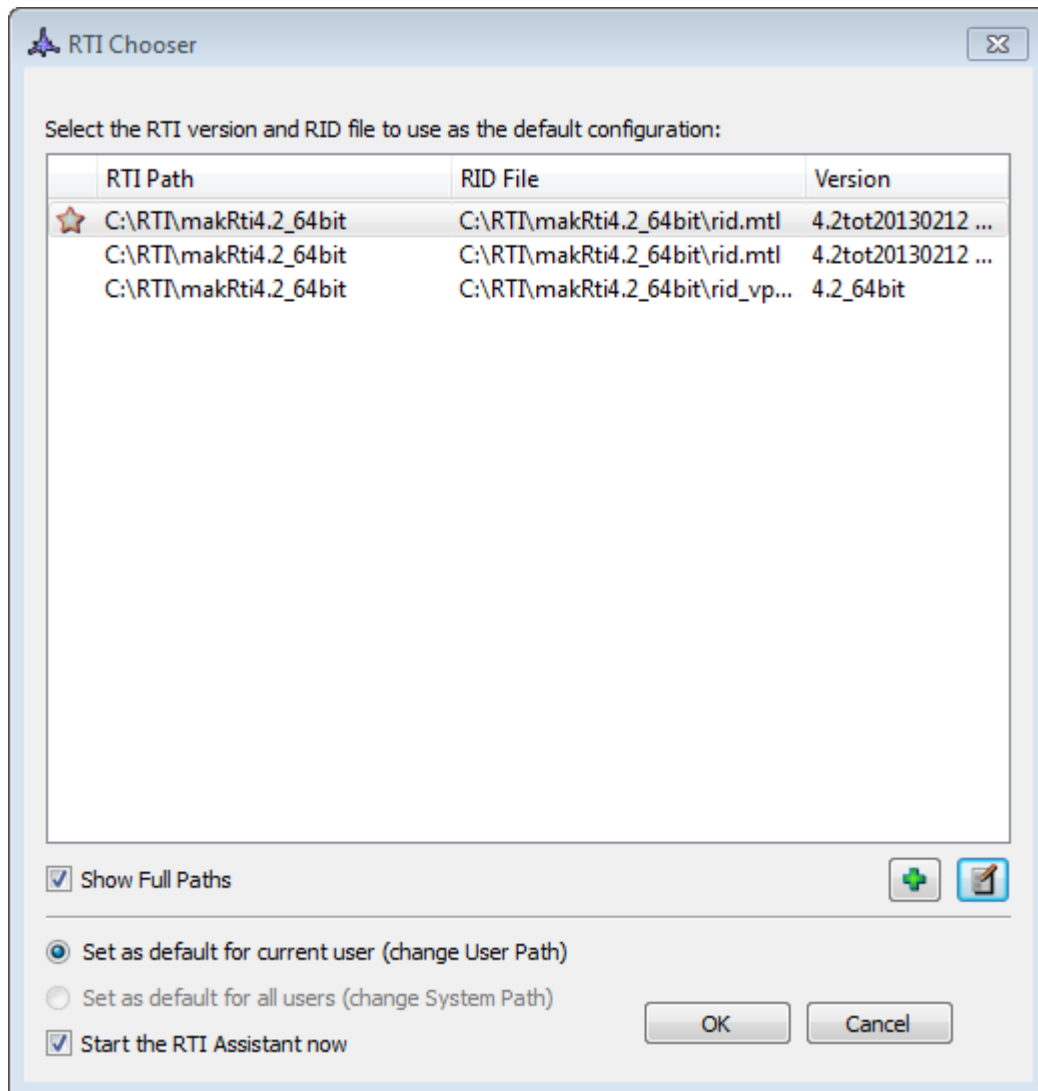**Setup instructions:**

1. Place the batch files in the folder: SISO\Environment\
2. Add the ending .bat (if missing)
3. You may need to change the target locations based on the version of the MÄK RTI you have installed and how you have structured your SISO folder on your machine. On our machine, we placed our SISO folder in the main C:\ directory. Our MÄK RTI was installed under C:\RTI\makRti4.2_64bit\ based on the current version of the RTI.
4. If you want to modify the run_test.bat file to initialize a different environment, simply change the segment of code: siso.smackdown.environment.EnvironmentTest to the desired target. Additionally, you can append arguments such as -h and -d here.
5. For troubleshooting, insert the following line of code at the end of the batch file, on a new line: PAUSE
   This will prevent the cmd.exe window from closing automatically if something fails to run correctly. You can also add a comment by starting a line with :: (two colons).

Instructions for running:
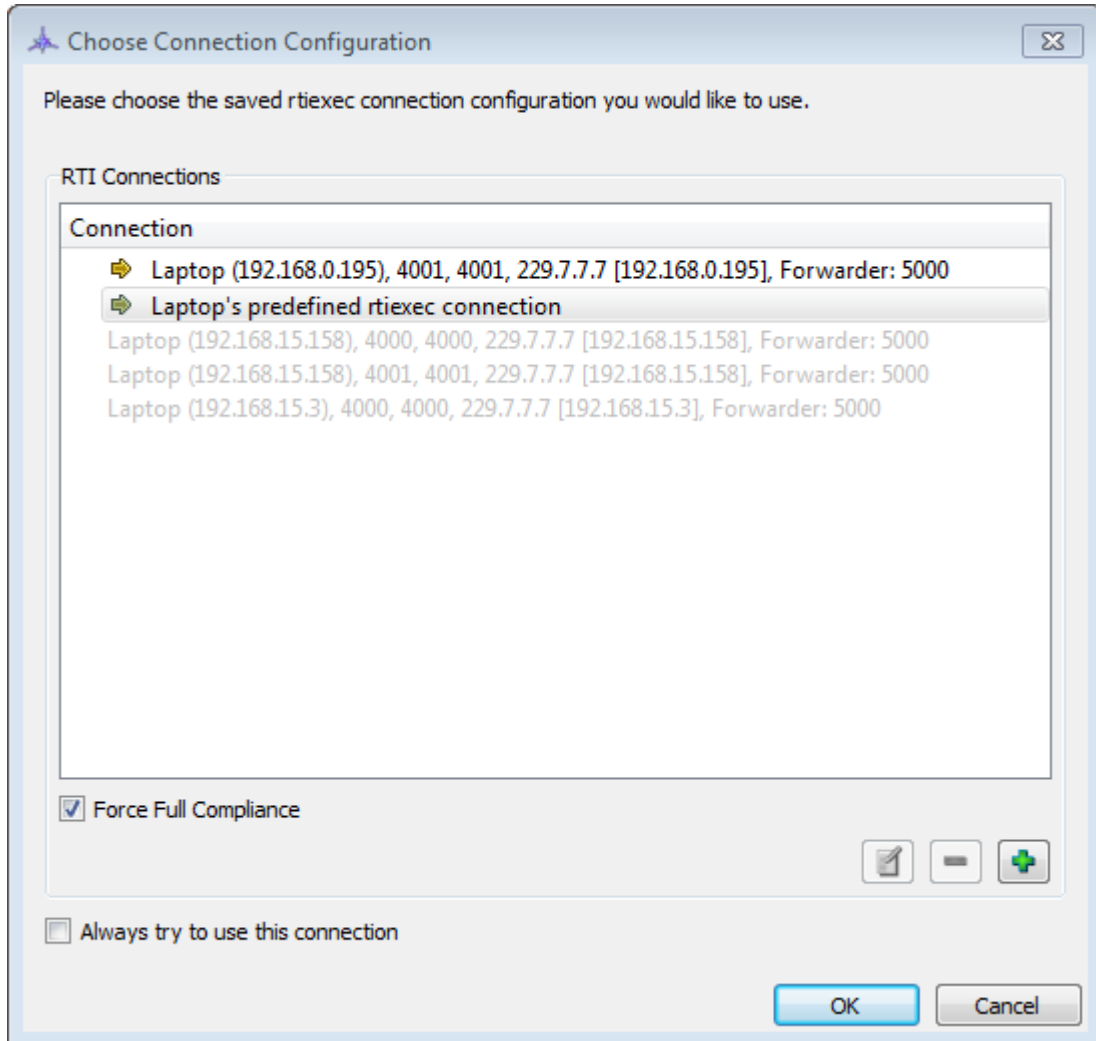
1. Initialize rtiChooser.exe.

2. Choose the RID configuration file you would like to use in this session and click OK.

3. Initialize rtiExec.exe.

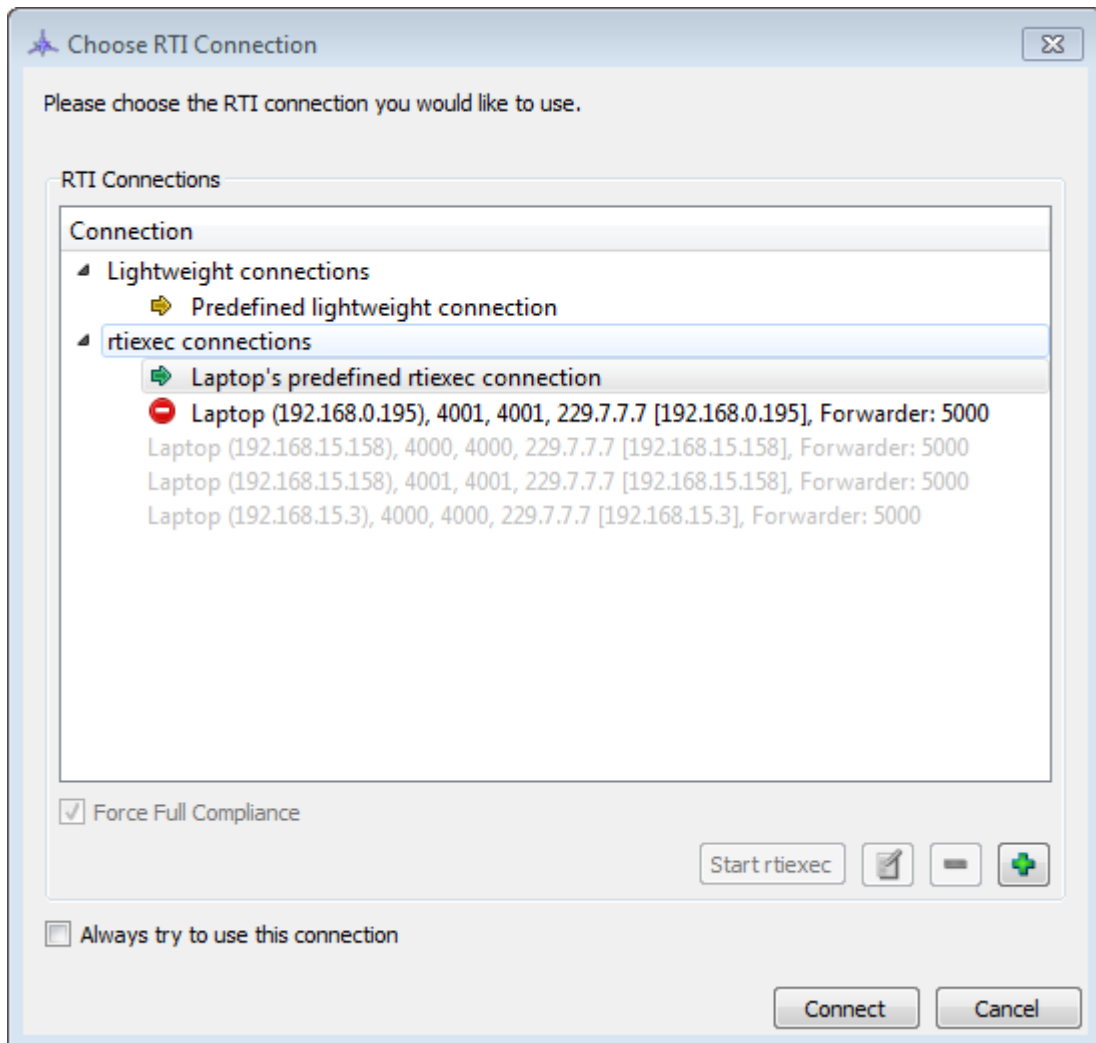4. Choose the connection configuration you would like to use and click OK.
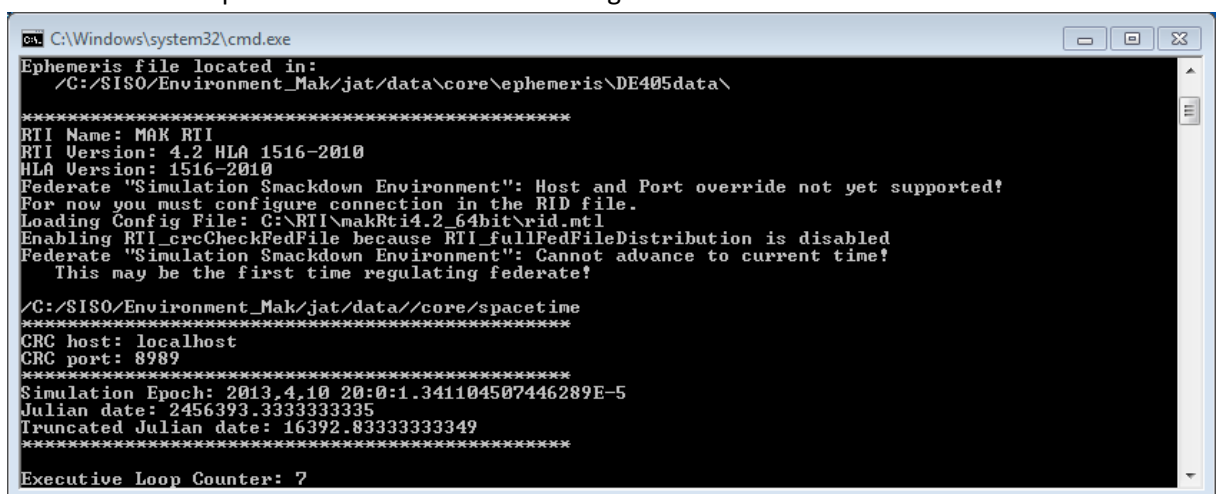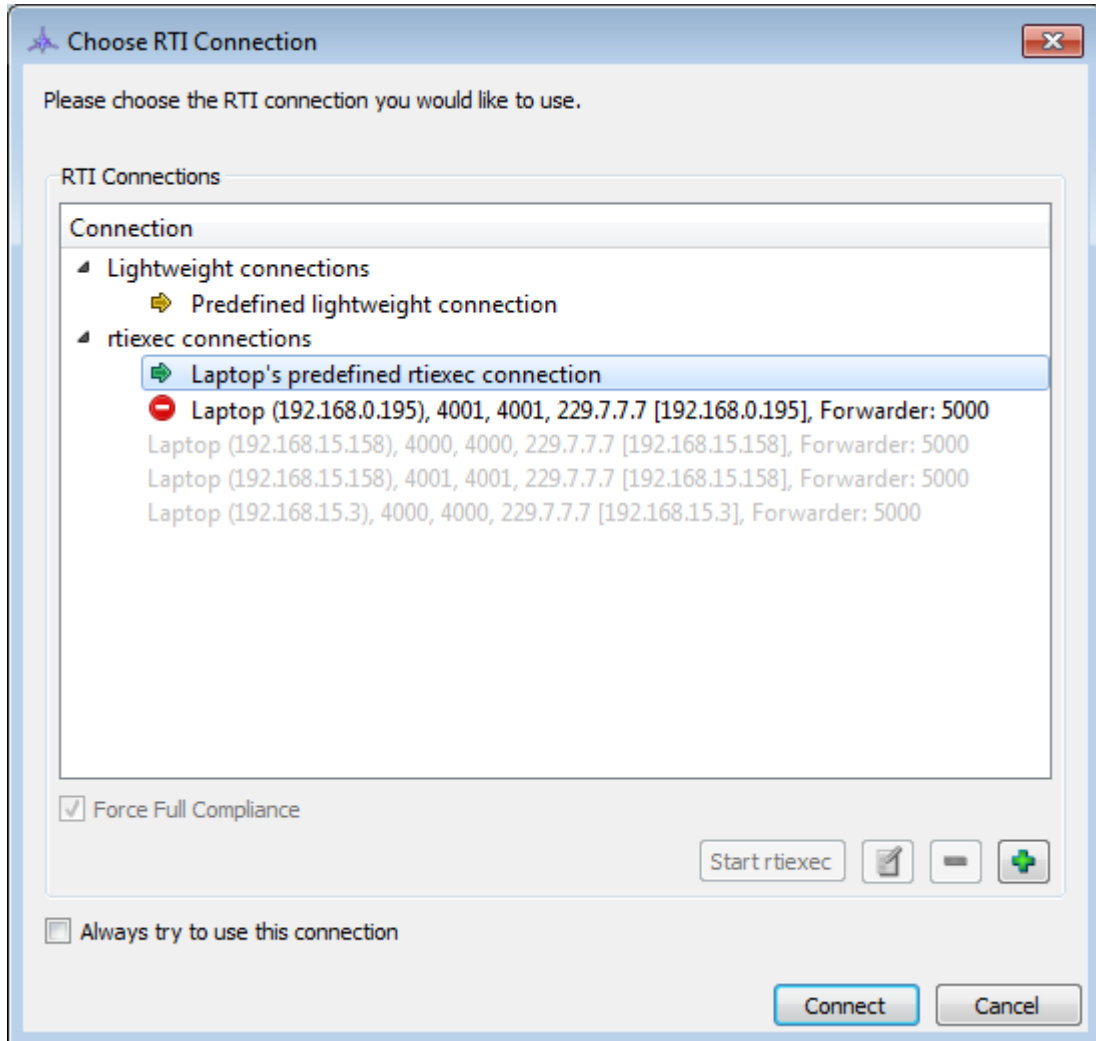

5. Start the batch file: run_env_mak.bat

6. When prompted, choose the desired connection settings (the same as before) and click Connect.

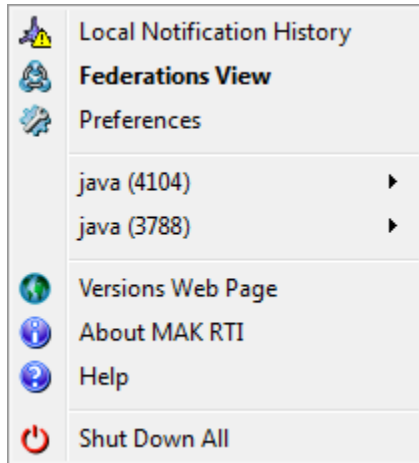7. The Executive Loop Counter should now be running.

8. Launch run_test_mak.bat. Again, choose the desired connection settings and click Connect.

9. The Environment Test federate should now run in sync with the Environment federate.

10. To verify this, open the RTI Assistant from the system tray and click Federations View.

11. You should see the two federates connected to the RTI Forwarder.