

Running on Windows

Dependencies

This project has several dependencies, which are all compliant with windows.

- We developed the project using JDK 11.0.6. Using this version or any higher version number of JDK (or JRE, just for execution) should suffice.
- For the build process we adopted the FRESCO approach and use maven. Installing or updating to the most recent version is recommended.
- To facilitate the build and testing phase we set up a Makefile with several targets. Unfortunately Makefiles are not fully supported by Windows since we used it as a scripting tool.

1. For compilation we do not need the Makefile. In the root directory of the project (`$PATH_TO_GIT\safe-deed\IFX`) we can start the maven install goal by calling `mvn clean install`

NOTE: This should also work from within the IDE

2. Execution of the provided demo setups is not as straight forward. Here there are two ways to circumvent the problem. As we cannot use the Makefile in Windows we can simply use the Linux subsystem which is provided in the most recent versions of Windows. There we can navigate to the root folder again and execute e.g. `make run-m`

The second option is to run the program several times either in the IDE or from the shell. This can be done according to the price Finder Introduction PDF. `java demo.jar <list program arguments>`

Conclusion

Everything should work except for the Makefile! Running the program in different network settings (i.e., not only locally) is not yet tested on Windows. If the execution setup is too painful, we can translate the linux specific Makefile commands to windows specific ones.