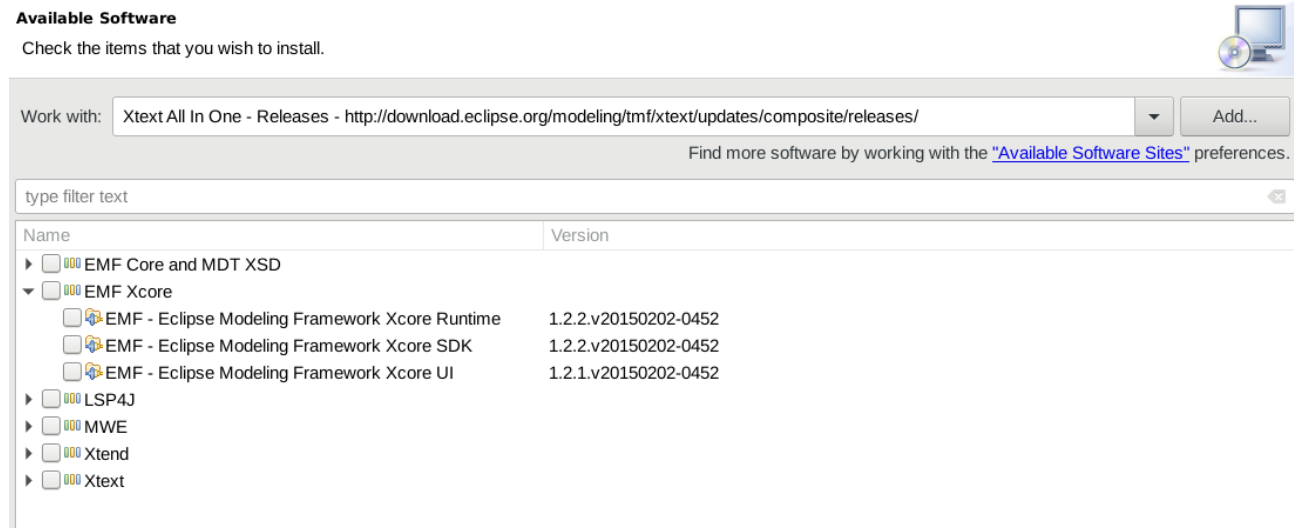# The Target Platform Definition DSL

The Eclipse **Target Platform** refers to the Eclipse plug-ins which your workspace will be built and run against. It describes the platform that you are developing for.
For example, the following picture shows the Xtext target platform that provides various Eclipse plugins with different versions and from different sources.

The Target Platform Definition DSL aims at easing the definition of Eclipse target platforms. End users describe the target platform they want. An Eclipse target platform file is then generated.

Target Platform definition files have the *tpd* file extension. In eclipse, create a new file and set this extension to create a Target Platform definition model.

Exercise

Define a target platform called "My target platform" that contains sources of plug-ins only.
This target platform must export from "http://www.kermeta.org/k3/update/" the plugins:

- fr.inria.diverse.k3.ui with the version 3.2.1 or 3.2.2

- fr.inria.diverse.k3.ui.templates with the version 3.2.1 or 3.2.2

This target platform must work with x86_64 and JavaSE-1.8.

In a second target platform file you will create (nevermind its name), export from a location "http://download.eclipse.org/egit/updates/" you will call "egit" the following plug-in:

- org.eclipse.egit (nevermind the version)

Import the second target platform file in your first one.