

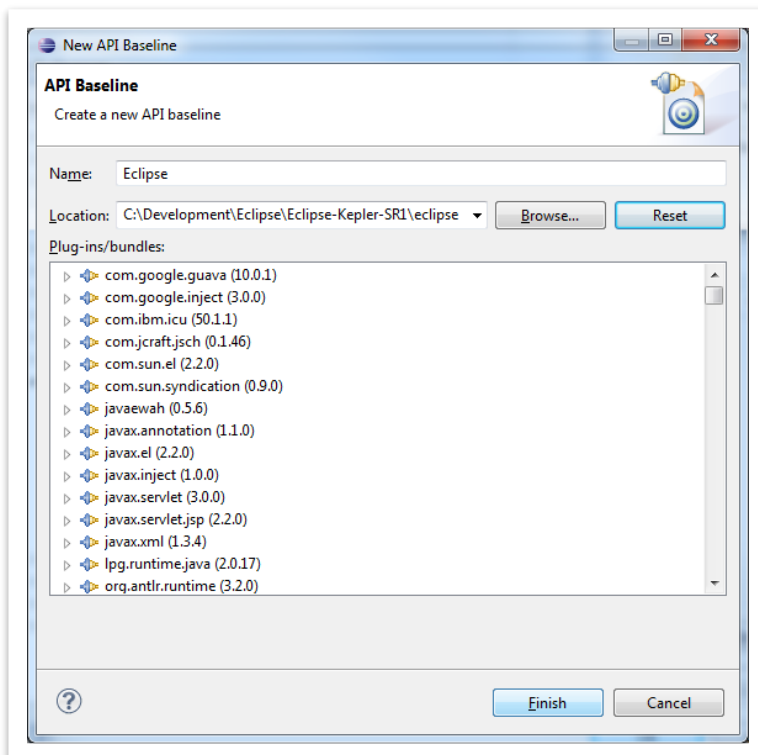
Tutorial: How to set up HenshinTGG

Overview:

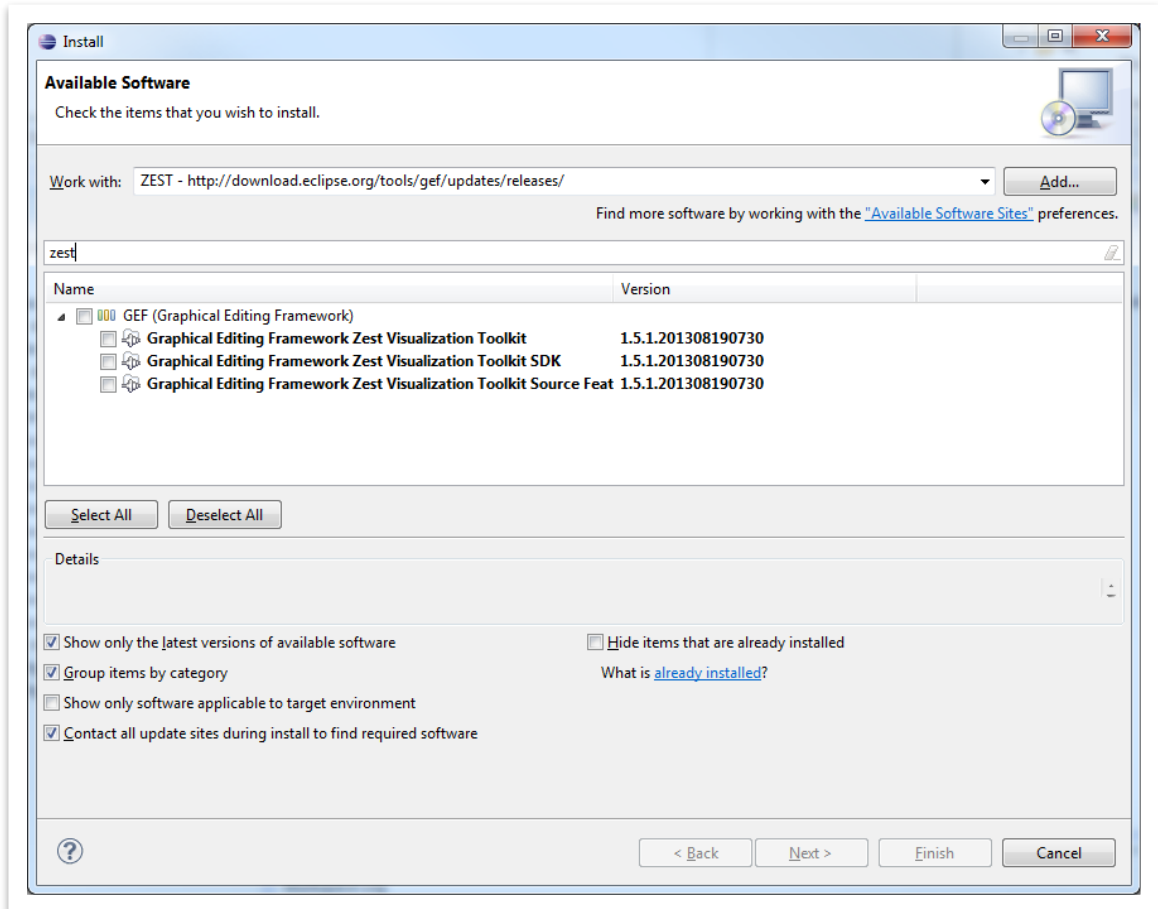
1. Setting up Eclipse
2. GIT
3. Starting HenshinTGG
4. Import an instance in HenshinTGG

1. Setting up Eclipse

- Install: "Eclipse Modeling Tools"
- Set API Baseline:
Window->Preferences->Plug-in Development->API Baseline
Add Baseline...
Name: Eclipse
Reset
Finish

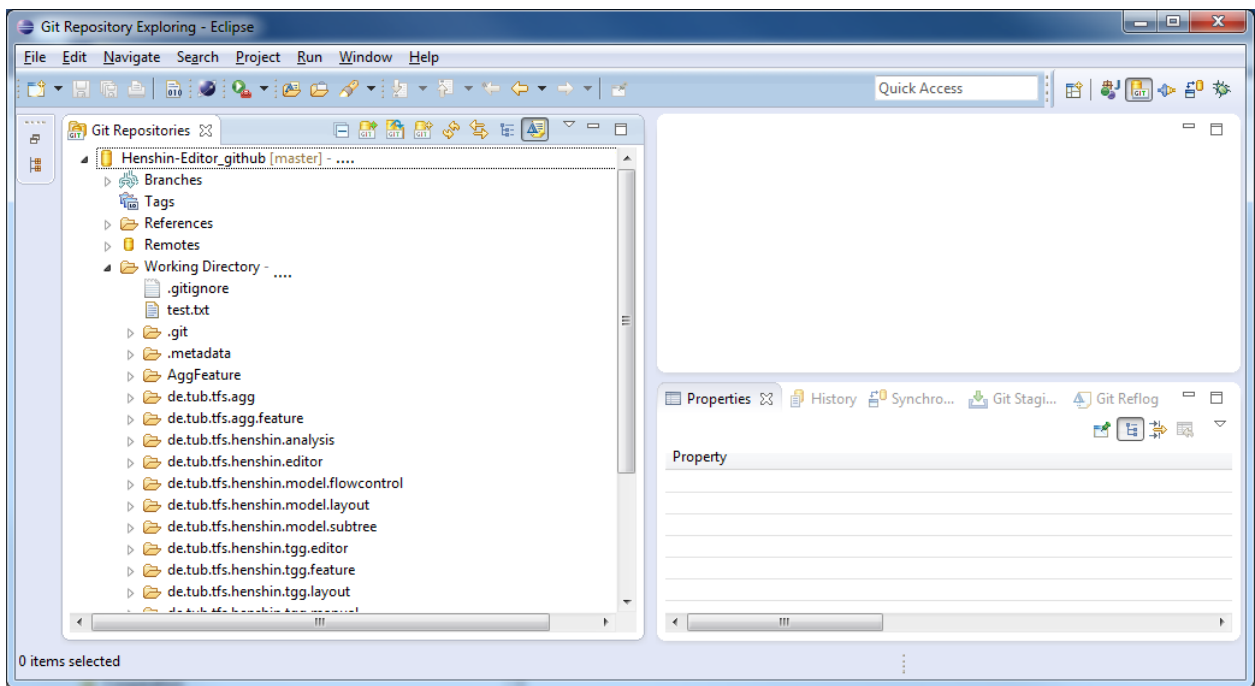


- Install ZEST (layouter plugins):
Help->Install new software
Work with: ... Add..
Update Site: ZEST - <http://download.eclipse.org/tools/gef/updates/releases/>
Select ZEST



2. GIT

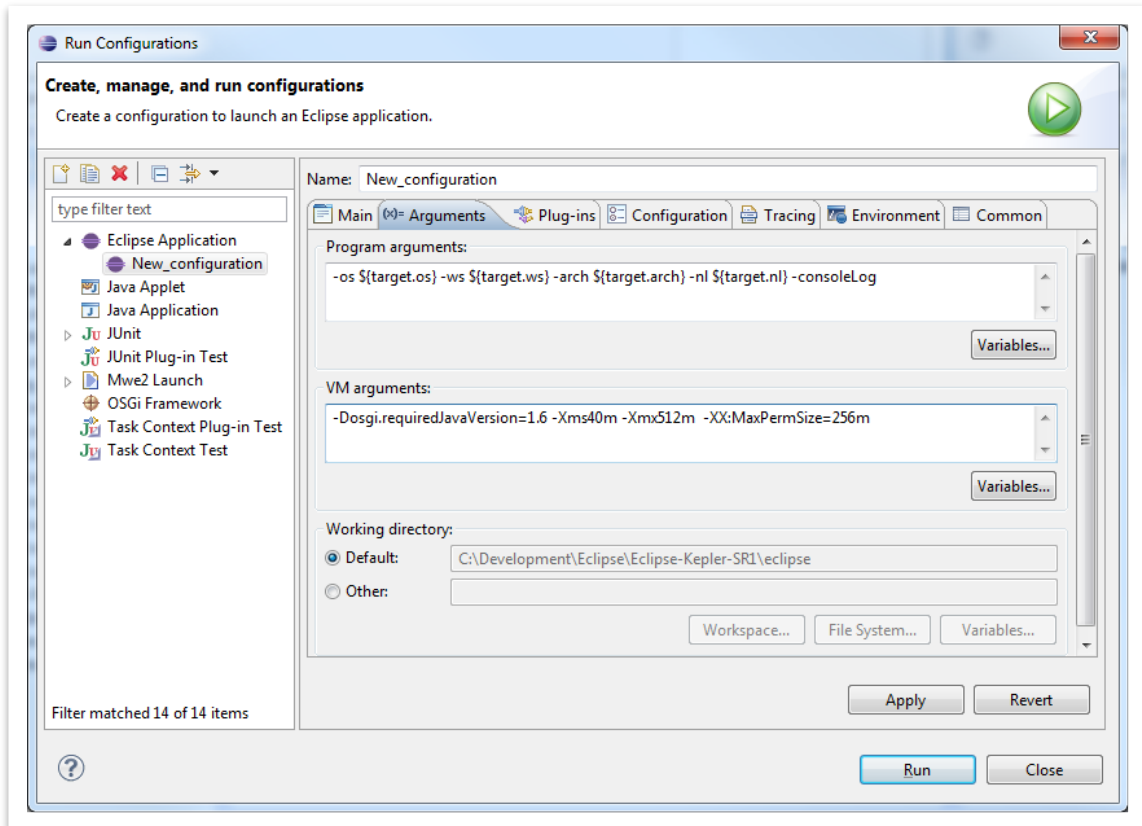
- Clone the GIT repository “2013-ncir”



- Check out all projects

3. Starting HenshinTGG

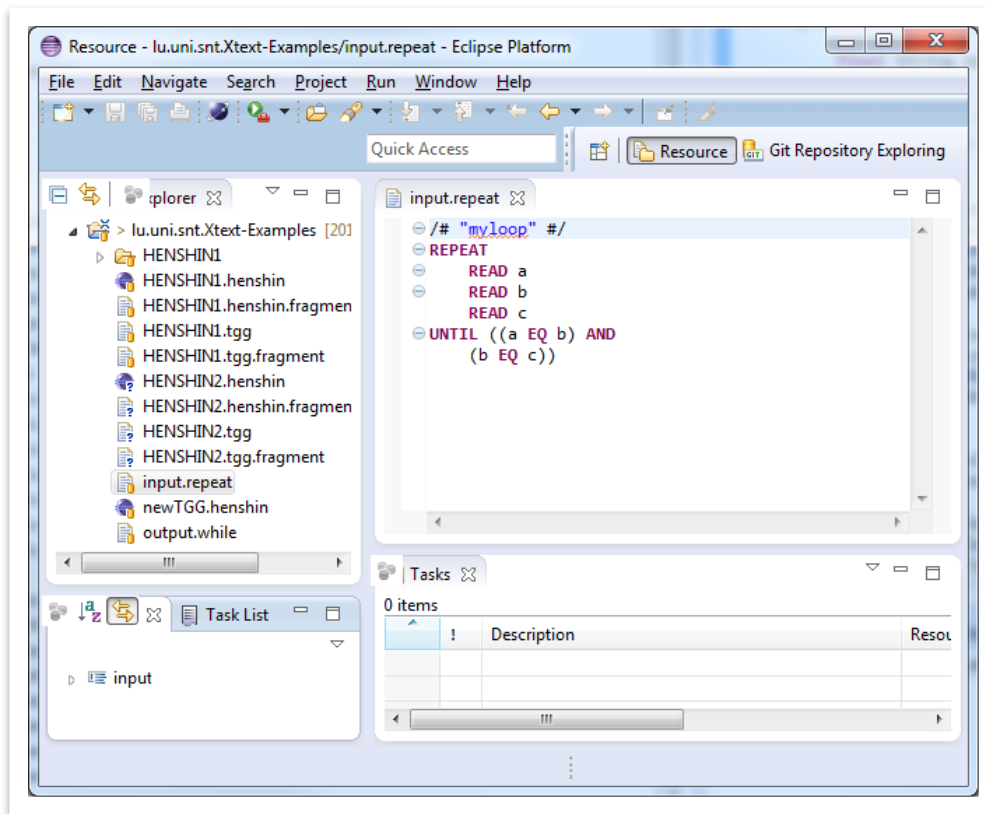
- Set up run configuration
Run->Run Configurations...
Double Click on "Eclipse Application"
Arguments
add VM argument "-XX:MaxPermSize=256m"
Apply
Run



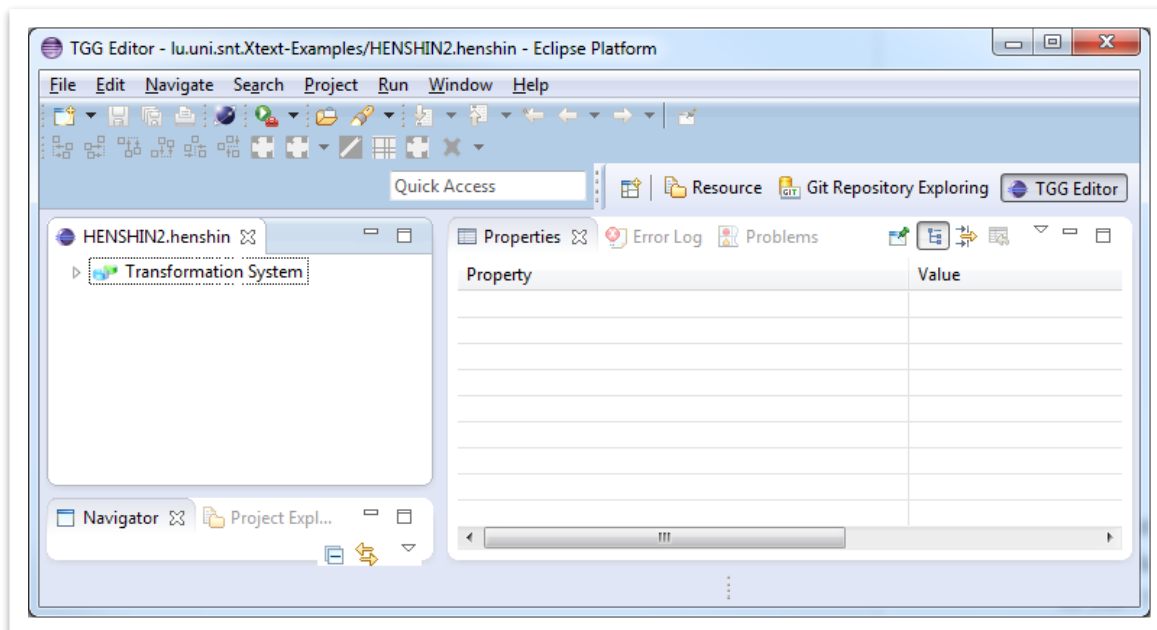
From now on, you just need to click on
Run->Run As->Eclipse Application
to start the runtime workbench with HenshinTGG

4. Import instance in HenshinTGG

Create a new project with some files of your Xtext-DSL
or import the project “Henshin-Examples” from your GIT repository



Create a new Henshin file: New->Other->Other->TGG File Creation Wizard

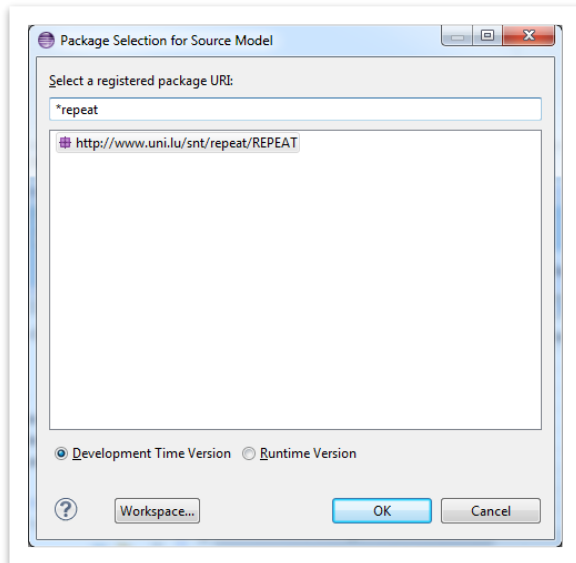


Import the meta model of your Xtext-DSL:

Click on “Imports”

->Import Source->

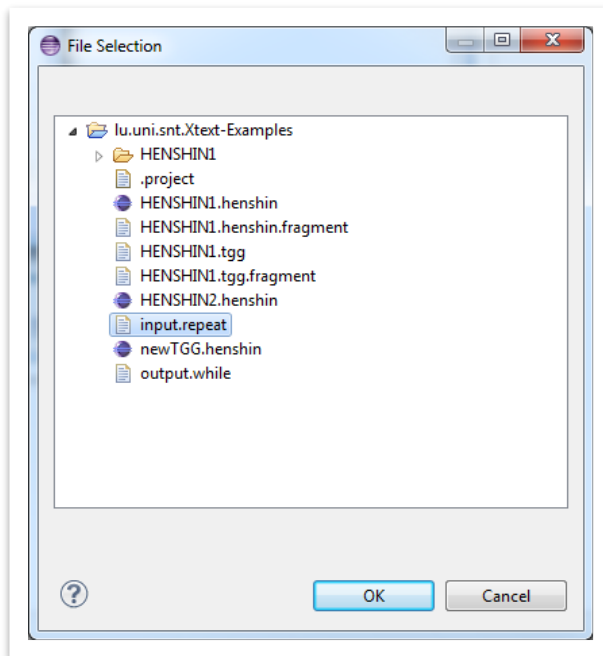
*repeat->OK



Import your Xtext-DSL file as graph in Henshin:

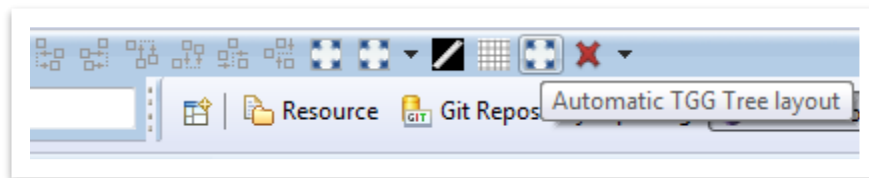
Click on “Graphs”

->Import an instance model.->Browse Workspace->select your file



Double click on the new graph

Click on “Automatic TGG Tree Layout”



You obtain a layouted AST of your Xtext-DSL-file

