



 **EGF Exercices – EMF – UC1**
EGF 0.4.0

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Understanding basic EMF generation with EGF

Correction of the exercices

- ▶ Download the `org.eclipse.egf.usecase.emf.uc1.zip` file from the [EGF wiki](#)

Prerequisite

- ▶ Installation of Eclipse 3.6 and egf 0.4.0
- ▶ Read the EGF Tutorial

Problem Statement

- ▶ Import the « org.eclipse.egf.usecase.emf.uc1 » in your project in your workspace
- ▶ In the model directory, right-click on the genmodel file and choose « **Create EMF Wrapper** ». An fcore file is created. Open it.
- ▶ On the fcore file or on the factory component on the fcore file, right-click and choose « Run EGF Activity... ». The EMF Generation is activated. An html documentation is added.
- ▶ This generation is a redirection toward the EMF generation with a task. For the detail, open the production plan of the factory component, and double-click on a factory component / task invocation

Learning

- ▶ Understanding the EMF generation with factory components

Difficulty

- ▶ 1/5

Correction

- ▶ -

Problem Statement

- ▶ Import the « org.eclipse.egf.usecase.emf.uc1 » in your project in your workspace
- ▶ In the model directory, right-click on the genmodel file and choose « **Create EMF Pattern** ». An fcore file is created. Open it.
- ▶ On the fcore file or on the factory component on the fcore file, right-click and choose « Run EGF Activity... ». The EMF Generation is activated.
- ▶ This generation is an EMF generation based on EMF patterns

Learning

- ▶ Understanding the EMF generation with patterns

Difficulty

- ▶ 1/5

Correction

- ▶ -