

```

import java.io.IOException;

import org.eclipse.emf.ecore.EObject;
import org.moflon.util.TranslatorHelper;

import LearningBoxToDictionaryIntegration.LearningBoxToDictionaryIntegrationPackage;
import DictionaryLanguage.DictionaryLanguagePackage;
import LearningBoxLanguage.LearningBoxLanguagePackage;
import TGGLanguage.algorithm.ApplicationTypes;

public class TGGMain {

    public static void main(String[] args) throws IOException {

        TranslatorHelper helper = new TranslatorHelper();

        helper.setOutputModel(LearningBoxLanguagePackage.eINSTANCE,
            "./instances/Box.xmi");
        helper.setInputModel(DictionaryLanguagePackage.eINSTANCE,
            "./instances/Dictionary.xmi");

        helper.setCorrModel(
            LearningBoxToDictionaryIntegrationPackage.eINSTANCE,
            "./instances/CorrespondenceModel.xmi");
        helper.setDirection(ApplicationTypes.BACKWARD);

        helper.setStaticAnalysis("../LearningBoxToDictionaryIntegration/"
            + "model/LearningBoxToDictionaryIntegration.gen.sma.xmi");

        helper.integrate();

        EObject created = helper.getOutputRoot();

        System.out.println(created);
    }
}

```