How to build and run the CSV2EDFI Converter:

(Note: You are expected to have a current version of the Java JDK and Eclipse on your system to compile and run this utility.)

1. Unzip the sli-csv2xml.zip file to your preferred location.
2. Download your preferred Ed-Fi core XML schema and Interchange schema files from <http://www.ed-fi.org/technical-documentation/> . Place these in the edfiXsd folder within the project.
3. At a command prompt, and in the edfiXsd folder, run the following command: “**xjc -b Ed-Fi-Core.xjb -p org.slc.sli.sample.entities .**”
4. Replace all java code in org.slc.sli.sample.entities with the newly generated code from step three.
5. Update Adapter2.java with the following code.

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| //  // This file was generated by the JavaTM Architecture for XML Binding(JAXB) Reference Implementation, vJAXB 2.1.10 in JDK 6  // See <a href=">  // Any modifications to this file will be lost upon recompilation of the source schema.  // Generated on: 2012.04.20 at 03:09:04 PM EDT  //    package org.slc.sli.sample.entities;    import java.util.Calendar;  import javax.xml.bind.annotation.adapters.XmlAdapter;    public class Adapter2      extends XmlAdapter<String, Calendar>  {      public Calendar unmarshal(String value) {          return (javax.xml.bind.DatatypeConverter.parseDate(value));      }        public String marshal(Calendar value) {          if (value == null) {              return null;          }          return (javax.xml.bind.DatatypeConverter.printDateTime(value).substring(0, 10));      }  } |

1. The program will run the default sample data, generating students, parents and student-relationships, in an XML Interchange file if run at this time. In order to run, import the project as a maven project into eclipse. Right click on the CSV2XMLTransformer.java source file and select ‘Run… As Java Application.’
2. In order to generate different XML files, it is necessary to change the input/output files. That is done in the CSV2XMLTransformer.java source file around lines 78 to 87. The details on how to form the CSV files, as well as some additional information about this utility, are contained in the CSV2XMLTransformer\_Supplemental.docx document.