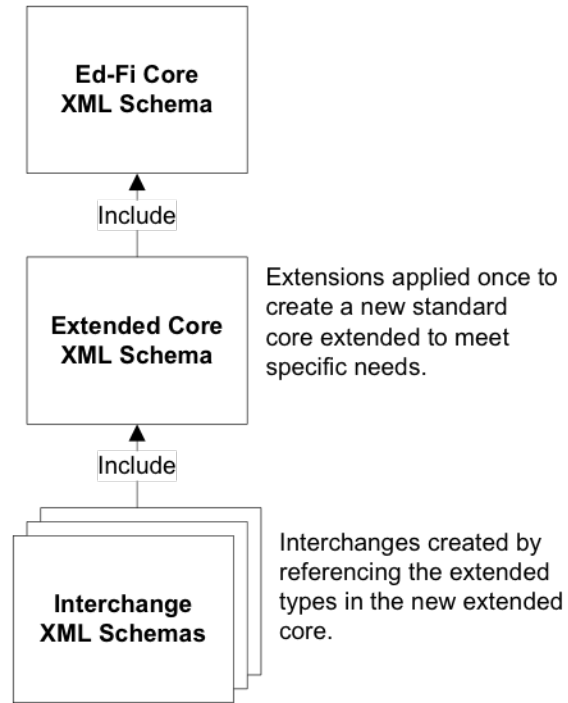


How To: Extend the Ed-Fi XML Schema (Part 1)

Creation of a Student Transcript

This series of five how-to exercises will walk you through the various methods available to extend the Ed-Fi XML Schema. The techniques outlined in the Ed-Fi Extensions Framework are applied to create a single extended core from which many interchanges may be derived, as depicted below.



Extended Core Schema

All restricted types, extended types, and new types are encapsulated in a new extended core XSD file.

Getting Started: Create a Base XSD File to House Extensions

To get started with this how-to example, create a base XSD file to house the extended core. Name the file `EXTENSION-Ed-Fi-Extended-Core.xsd`, include the `Ed-Fi-Core.xsd` using the following code:

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://ed-fi.org/0200" xmlns:ann="http://ed-fi.org/annotation" targetNamespace="http://ed-fi.org/0200" elementFormDefault="qualified" attributeFormDefault="unqualified">
<xs:import namespace="http://ed-fi.org/annotation" schemaLocation="SchemaAnnotation.xsd"/>
<xs:include schemaLocation="Ed-Fi-Core.xsd"/>
.
.
.
</xs:schema>
```

Extensions created in the following steps will be built in this file.

[Continue](#)

Developers' Guide Documentation Contents

Find out more about how to develop solutions based on the Ed-Fi Data Standard v2.0: