

Ed-Fi 3.x Program Entity Mapping

Overview

This document defines the mapping of Aeries data to the Ed-Fi data standard.



Document Version 1.0

Last Updated 07 Nov 2021

Status

Ready for v3 certification.

Description

This entity represents any program designed to work in conjunction with, or as a supplement to, the main academic program. Programs may provide instruction, training, services, or benefits through federal, state, or local agencies. Programs may also include organized extracurricular activities for students.

Program Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#!/entity/c7026848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#!/Program576>

API v3.4.0

<https://api.ed-fi.org/v3.4.0/docs/index.html#/programs>

Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+Education+Organization+%3E+Program+Scenarios>

Natural Key

- EducationOrganizationId
- ProgramName
- ProgramTypeDescriptor

Used By

- GeneralStudentProgramAssociation.Program (as required)
- StaffProgramAssociation.Program (as required)
- SurveyProgramAssociation.Program (as required)
- SectionOrProgramChoice.Program (as required collection)
- Cohort.Program (as optional collection)
- RestraintEvent.Program (as optional collection)
- Section.Program (as optional collection)

Important note

Only Programs that are mapped get uploaded to the ODS

Entity Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	characteristics	List(Of ProgramCharacteristic)	Optional				
characteristics	ProgramCharacteristic	Descriptor	Optional				

\	educationOrganizationReference	EducationOrganizationReference	Identity				
educationOrganizationReference	educationOrganizationId	Integer	Identity	PGM	SCL		scl = GetNullableInteger(rowPGM!SCL) scl = If(scl, 0) If(scl > 0, scl, DistrictId)
\	learningObjectives	List(Of ProgramLearningObjective)	Optional				
learningObjectives	learningObjectiveReference	LearningObjectiveReference	Optional				
learningObjectives learningObjectiveReference	learningObjectiveId	String	Optional				
learningObjectives learningObjectiveReference	namespace	String	Optional				
learningObjectives learningObjectiveReference	objectiveGradeLevelDescriptor	Descriptor	Optional				
\	learningStandards	List(Of ProgramLearningStandard)	Optional				
learningStandards	learningStandardReference	LearningStandardReference	Optional				
learningStandards learningStandardReference	learningStandardId	String	Optional				
\	programName	String	Identity	PGM	CD		see logic below
\	programId	String	Required	PGM	CD		GetString(s("CD"))
\	services	List(Of ProgramService)	Optional				
services	serviceDescriptor	ServiceDescriptor	Optional				
\	programTypeDescriptor	Descriptor	Identity	PGM	CD		see logic below
\	sponsors	List	Optional				
programSponsors	programSponsorDescriptor	Descriptor	Optional				

Code

ProgramName & ProgramTypeDescriptor Logic

```
If rowPGM!CD = "124" Then
    mappedProgram.ProgramName = "English as a Second
Language (ESL)"
    mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "English as a Second Language (ESL)")
    Else If rowPGM!CD = "135" Then
        mappedProgram.ProgramName = "Migrant Education"
        mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "Migrant Education")
    Else If rowPGM!CD = "144" Then
        mappedProgram.ProgramName = "Special Education"
        mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "Special Education")
    Else If (rowPGM!CD = "154") Then
        mappedProgram.ProgramName = "Career and Technical
Education"
        mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "Career and Technical
Education")
    Else If (rowPGM!CD = "171") Then
        mappedProgram.ProgramName = "Neglected and Delinquent
Program"
        mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "Neglected and Delinquent
Program")
    Else If (rowPGM!CD = "181") Then
        mappedProgram.ProgramName = "Student School Food
Service"
        mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "Student School Food
Service")
    ElseIf rowPGM!CD = "191" Then
        mappedProgram.ProgramName = "Homeless"
        mappedProgram.ProgramTypeDescriptor = GetV3Descriptor
("ProgramTypeDescriptor", "Homeless")
    Else
        ' the max length that the program name can be is 60
characters, or it will fail Ed-Fi validation
        mappedProgram.ProgramName = GetMaxLengthString
(GetDescription(scl, "PGM", "CD", rowPGM!CD, DbConnectionString), 60)
        mappedProgram.ProgramTypeDescriptor = EdFiDescriptors.
GetEdFiCodeValue(EdFiResourceDescriptors.ProgramTypeDescriptor, "PGM",
"CD", rowPGM!CD, OdsConfiguration.ConfigId, DbConnectionString)
    End If
```