

Ed-Fi 2.x Program Entity Mapping

Overview

Use this page to help understand and define the mapping of Aeries data to Ed-Fi data



Status

Ready for certification

Document Version 1.5

Last Updated 25 Feb 2020

Links

Entity

<https://mappingedu.ed-fi.org/#!/entity/168afca4-4ed2-e811-80d9-005056b36109/info?dataStandardId=db3697f4-4dd2-e811-80d9-005056b36109>

Scenarios

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

Schema

<https://schema.ed-fi.org/datahandbook-v22/Ed-Fi-UDM-Handbook-Index.html#/Program576>

Root Table

PGM

SQL

Scheduled

PGM_Functions.GetEdFiDataTable_Program

```
;WITH cteNoDupCDValues AS
(
    SELECT DISTINCT [CD], [SCL] FROM [PGM] WHERE [DEL] = 0 UNION SELECT '144' AS [CD], 0 AS [SCL]
)
SELECT DISTINCT [CD], [SCL]
FROM cteNoDupCDValues
ORDER BY [CD], [SCL]
```

Real-Time

PGM_Functions.GetEdFiDataTable_Program

```
;WITH cteNoDupCDValues AS
(
    SELECT DISTINCT [CD], [SCL] FROM [PGM] WHERE [DEL] = 0 AND [DTS] >= @TimeSince
)
SELECT DISTINCT [CD], [SCL]
FROM cteNoDupCDValues
ORDER BY [CD], [SCL]
```

Important note: only Programs that are mapped get sent to EdFi:

Entity Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	characteristics	List(Of ProgramCharacteristic)	Optional				
characteristics	descriptor	ProgramCharacteristicDescriptor ProgramCharacteristicMapType	Optional				
\	educationOrganizationReference	EducationOrganizationReference	Identity				
educationOrganizationReference	educationOrganizationId	Integer	Identity	PGM	SCL		scl = GetNullableInteger(rowPGM!SCL) scl = If(scl, 0) If(scl > 0, scl, DistrictId)
educationOrganizationReference	link	Link	Optional				
\	learningObjectives	List(Of ProgramLearningObjective)	Optional				
learningObjectives	learningObjectiveReference	LearningObjectiveReference	Optional				
learningObjectives LearningObjectiveReference	learningObjectiveId	String	Optional				
learningObjectives LearningObjectiveReference	link	Link	Optional				
learningObjectives LearningObjectiveReference	namespace	String	Optional				
\	learningStandards	List(Of ProgramLearningStandard)	Optional				
learningStandards	learningStandardReference	LearningStandardReference	Optional				
learningStandards LearningStandardReference	learningStandardId	String	Optional				
\	link	Link	Optional				
\	name	String	Identity	PGM	CD		If rowPGM!CD = "144" Then "Special Education" Else GetMaxLengthString(GetDescription(scl, "PGM", "CD", rowPGM!CD), 60) End If Max Length is 60 chars or it will fail validation!
\	programId	String	Required	PGM	CD		GetString(s("CD"))
\	services	List(Of ProgramService)	Optional				
services	serviceDescriptor	ServiceDescriptor	Optional				
\	sponsorType	String	Optional				
\	type	ProgramType	Identity	PGM	CD		If rowPGM!CD = "144" Then "Special Education" Else GetEdFiCodeValue(ProgramType, "PGM", "CD", rowPGM!CD) End If