

Ed-Fi 2.x Student Program Association 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://mappedu.ed-fi.org/#/entity/d4cff4aa-4ed2-e811-80d9-005056b36109/info?dataStandardId=db3697f4-4dd2-e811-80d9-005056b36109>

Scenarios

<https://techdocs.ed-fi.org/display/EDFICERT/Student+Enrollment+%3E+Graduation+Plan+Scenarios>

Schema

<https://schema.ed-fi.org/datahandbook-v22/Ed-Fi-UDM-Handbook-Index.html#/StudentProgramAssociation612>

Root Table

PGM

SQL

Scheduled

PGM_Functions.GetEdFiDataTable_StudentProgramAssociation

```
DECLARE @strYrStart varchar(10);
DECLARE @intYear smallint;
WITH cteCurrentYear AS (
    SELECT TOP 1 Year(DT) [YR] FROM [DAY] WHERE [DEL] = 0 ORDER BY [DT]
)
SELECT @strYrStart = '7/1/' + CONVERT(varchar, cteCurrentYear.YR), @intYear = CONVERT(smallint,
cteCurrentYear.YR) FROM cteCurrentYear
SELECT [PID], [CD], [ESD], [EED], [PSD], [PED], [SCL]
, CASE WHEN [PSD] IS NOT NULL AND ([PSD] >= @strYrStart OR [PED] >= @strYrStart) THEN [PSD] ELSE [ESD] END
[StartDate]
, CASE WHEN [PSD] IS NOT NULL AND ([PSD] >= @strYrStart OR [PED] >= @strYrStart) THEN [PED] ELSE [EED] END
[EndDate]
FROM [PGM]
WHERE [DEL] = 0 AND (([ESD] >= @strYrStart OR [EED] >= @strYrStart) OR ([PSD] >= @strYrStart OR [PED] >=
@strYrStart))
AND [PGM].[PID] IN (SELECT [ID] FROM [ENR] WHERE [DEL] = 0 AND [YR] = @intYear AND [SC] = @SC)
AND ([PGM].[SCL] = @SC OR [PGM].[SCL] = 0)
ORDER BY [PID], [CD]
```

Real-Time

PGM_Functions.GetEdFiDataTable_StudentProgramAssociation

```

DECLARE @strYrStart varchar(10);
DECLARE @intYear smallint;
WITH cteCurrentYear AS (
    SELECT TOP 1 Year(DT) [YR] FROM [DAY] WHERE [DEL] = 0 ORDER BY [DT]
)
SELECT @strYrStart = '7/1/' + CONVERT(varchar, cteCurrentYear.YR), @intYear = CONVERT(smallint,
cteCurrentYear.YR) FROM cteCurrentYear
SELECT [PID], [CD], [ESD], [EED], [PSD], [PED], [SCL]
, CASE WHEN [PSD] IS NOT NULL AND ([PSD] >= @strYrStart OR [PED] >= @strYrStart) THEN [PSD] ELSE [ESD] END
[StartDate]
, CASE WHEN [PSD] IS NOT NULL AND ([PSD] >= @strYrStart OR [PED] >= @strYrStart) THEN [PED] ELSE [EED] END
[EndDate]
FROM [PGM]
WHERE [DEL] = 0 AND (([ESD] >= @strYrStart OR [EED] >= @strYrStart) OR ([PSD] >= @strYrStart OR [PED] >=
@strYrStart))
AND [PGM].[PID] IN (SELECT [ID] FROM [ENR] WHERE [DEL] = 0 AND [YR] = @intYear AND [SC] = @SC)
AND ([PGM].[SCL] = @SC OR [PGM].[SCL] = 0)
AND [PGM].[DTS] >= @TimeSince
ORDER BY [PID], [CD]

```

Entity Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	beginDate	Date	Identity	PGM	StartDate		GetNullableDate(s("StartDate"))
\	educationOrganizationReference	EducationOrganizationReference	Identity				
educationOrganizationReference	educationOrganizationId	Integer	Identity	PGM	SCL	District ID	scl As = GetNullableInteger(rowPGM!SCL) scl = If(scl, 0) If(scl > 0, scl, DistrictId)
educationOrganizationReference	link	Link	Required				
\	endDate	Date	Required	PGM	EndDate		GetNullableDate(s("EndDate"))
\	programReference	ProgramReference	Identity				
programReference	educationOrganizationId	Integer	Identity			District ID	scl As = GetNullableInteger(rowPGM!SCL) scl = If(scl, 0) If(scl > 0, scl, DistrictId)
programReference	link	Link	Optional				
programReference	name	String	Identity	PGM	CD		If rowPGM!CD = "144" Then .name = "Special Education", Else .name = GetMaxLengthString(GetDescription(scl, "PGM", "CD", rowPGM!CD), 60), End If Max Length is 60 chars or it will fail validation!
programReference	type	ProgramType	Identity	PGM	CD		GetEdFiCodeValue(ProgramType, "PGM", "CD", rowPGM!CD) If unable to map ProgramType the entity will NOT be uploaded to the ODS, and no error message will be returned.
\	reasonExitedDescriptor	ReasonExitedDescriptor ReasonExitedMapType	Optional				
\	servedOutsideOfRegularSession	Boolean	Optional				
\	services	List(Of StudentProgramAssociationService)	Optional				

services	primaryIndicator	True	Optional				
services	serviceBeginDate	Date	Optional				
services	serviceDescriptor	ServiceDescriptor	Optional				
services	serviceEndDate	Date	Optional				
\	studentReference	StudentReference	Identity				
studentReference	link	Link	Optional				
studentReference	studentUniqueld	String	Identity	PGM	PID		GetString(s("PID"))