

Ed-Fi 2.x Staff Edu Org Assign Assoc 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/22cbf4aa-4ed2-e811-80d9-005056b36109/info?dataStandardId=db3697f4-4dd2-e811-80d9-005056b36109>

Scenarios

<https://techdocs.ed-fi.org/display/EDFICERT/StaffAssociation+%3E+StaffEducationOrganizationAssignmentAssociation+Scenarios>

Schema

<https://schema.ed-fi.org/datahandbook-v22/Ed-Fi-UDM-Handbook-Index.html#/StaffEducationOrganizationAssignmentAssociation600>

Root Table

STA & STJ (depends on the type of job)

SQL STA

Scheduled

STA_Functions.GetEdFiDataTable_StaffEducationOrganizationAssignmentAssociation

```
SELECT DISTINCT 'STA' [SourceTable], STF.ID, STF.TI ,
(CASE WHEN STA.SD IS NULL THEN D1.FirstDay ELSE STA.SD END) StartDate ,
(CASE WHEN STA.ED IS NULL THEN D2.LastDay ELSE STA.ED END) EndDate , STA.JC
FROM STA
INNER JOIN STF ON STA.ID = STF.ID ,
(SELECT Min(DT) As FirstDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D1 ,
(SELECT Max(DT) As LastDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D2
WHERE STF.DEL = 0 AND STA.DEL = 0
```

Real-Time

STA_Functions.GetEdFiDataTable_StaffEducationOrganizationAssignmentAssociation

```
SELECT DISTINCT 'STA' [SourceTable], STF.ID, STF.TI ,
(CASE WHEN STA.SD IS NULL THEN D1.FirstDay ELSE STA.SD END) StartDate ,
(CASE WHEN STA.ED IS NULL THEN D2.LastDay ELSE STA.ED END) EndDate , STA.JC
FROM STA
INNER JOIN STF ON STA.ID = STF.ID ,
(SELECT Min(DT) As FirstDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D1 ,
(SELECT Max(DT) As LastDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D2
WHERE STF.DEL = 0 AND STA.DEL = 0 AND [STA].[DTS] >= @TimeSince
```

SQL STJ

Scheduled

STJ_Functions.GetEdFiDataTable_StaffEducationOrganizationAssignmentAssociation

```
SELECT DISTINCT 'STJ' [SourceTable], STF.ID, STF.TI ,
(CASE WHEN STJ.SD IS NULL THEN D1.FirstDay ELSE STJ.SD END) StartDate ,
(CASE WHEN STJ.ED IS NULL THEN D2.LastDay ELSE STJ.ED END) EndDate , STJ.JC
FROM STJ
INNER JOIN STF ON STJ.ID = STF.ID ,
(SELECT Min(DT) As FirstDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D1 ,
(SELECT Max(DT) As LastDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D2
WHERE STF.DEL = 0 AND STJ.DEL = 0
```

Real-Time

STJ_Functions.GetEdFiDataTable_StaffEducationOrganizationAssignmentAssociation

```
SELECT DISTINCT 'STJ' [SourceTable], STF.ID, STF.TI ,
(CASE WHEN STJ.SD IS NULL THEN D1.FirstDay ELSE STJ.SD END) StartDate ,
(CASE WHEN STJ.ED IS NULL THEN D2.LastDay ELSE STJ.ED END) EndDate , STJ.JC
FROM STJ
INNER JOIN STF ON STJ.ID = STF.ID ,
(SELECT Min(DT) As FirstDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D1 ,
(SELECT Max(DT) As LastDay FROM DAY WHERE DEL = 0 AND NOT HO > ' ') D2
WHERE STF.DEL = 0 AND STJ.DEL = 0 AND [STJ].[DTS] >= @TimeSince
```

Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	beginDate	Date	Identity	STA / STJ	SD		GetNullableDate(s("StartDate"))
\	educationOrganizationReference	EducationOrganizationReference	Identity				
educationOrganizationReference	educationOrganizationId	Integer	Identity			district Id	OdsConfiguration.DistrictId
educationOrganizationReference	link	Link	Optional				
\	employmentStaffEducationOrganizationEmploymentAssociationReference	StaffEducationOrganizationEmploymentAssociationReference	Optional				
employmentStaffEducationOrganizationEmploymentAssociationReference	educationOrganizationId	Integer	Optional				
employmentStaffEducationOrganizationEmploymentAssociationReference	employmentStatusDescriptor	EmploymentStatusMapType	Optional				
employmentStaffEducationOrganizationEmploymentAssociationReference	hireDate	Date	Optional				
employmentStaffEducationOrganizationEmploymentAssociationReference	link	Link	Optional				
employmentStaffEducationOrganizationEmploymentAssociationReference	staffUniqueld	String	Optional				

\	endDate	Date	Required	STA / STJ	ED		GetNullableDate(s("EndDate"))
\	orderOfAssignment	Integer	Optional				
\	positionTitle	String	Required	STF	TI		GetString(s("TI"))
\	staffClassificationDescriptor	StaffClassificationMapType	Identity	STA / STJ	JC		GetEdFiCodeValue(StaffClassificationDescriptor , rowSTAJ!SourceTable, "JC", rowSTAJ!JC)
\	staffReference	StaffReference	Identity				
staffReference	link	Link	Optional				
staffReference	staffUniqueld	String	Identity	STF	ID		GetString(s("ID"))