

Ed-Fi 3.x Staff Section Association 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 association indicates the class sections to which a staff member is assigned.

Staff Section Association Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#!/entity/a4046848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#!/StaffSectionAssociation604>

API v3.4.0

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

Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+StaffAssociation+%3E+StaffSectionAssociation+Scenarios>

Natural Key

- LocalCourseCode
- SchoolId
- SchoolYear
- SectionIdentifier
- SessionName
- StaffUniqueld

Used By

None

Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	beginDate	Date	Required	TRM	D1		GetNullableDate(s("BeginDate"))
	classroomPositionDescriptor	Descriptor	Required	MST	SR{1-3}	mapped	EdFiDescriptors.GetEdFiCodeValue(EdFiResourceDescriptors.ClassroomPositionDescriptor, "MST", "SR1", rowTCH!ClassroomPosition)
\	endDate	Date	Optional	TRM	D2		GetNullableDate(s("EndDate"))
\	highlyQualifiedTeacher	Boolean	Optional				No longer collected in California.
\	percentageContribution	Double	Optional				Not collected in Aeries
\	sectionReference	SectionReference	Identity				
sectionReference	localCourseCode	String	Identity	MST	CN		GetString(s("CN"))
sectionReference	schoolId	Integer	Identity	MST	SC		GetNullableInteger(s("SC"))
sectionReference	schoolYear	Integer	Identity	TRM	D1		GetNullableInteger(s("SchoolYear"))

sectionReference	sessionName	String	Identity				termName = GetTermName(rowTCH! SC, rowTCH!SM) GetSessionName(rowTCH! SchoolYear, termName)
sectionReference	sectionIdentifier	String	Identity				GetUniqueSectionCode(s("SC"), s ("SE"))
\	staffReference	StaffReference	Required				
staffReference	staffUniqueld	String	Identity	TCH	ID		GetString(s("ID"))
\	teacherStudentData LinkExclusion	Boolean	Optional				

Code

```

Public Shared Function GetSessionName(ByVal schoolYear As Integer,
ByVal term As String) As String

    Return schoolYear.ToString() & " " & term

End Function

Public Shared Function GetTermName(ByVal schoolcode As Integer, ByVal
termCode As String, ByVal ConnectionString As String) As String

    'Ref: https://mappedu.ed-fi.org/#/element/e778beed-1c80-ea11-
80df-005056b36109/details?dataStandardId=e8efbbaa-1b80-ea11-80df-
005056b36109

    Select Case termCode
        Case "Y"
            Return "Year Round"
        Case "S"
            Return "Spring Semester"
        Case "F"
            Return "Fall Semester"
    End Select

    If Trimester(schoolcode, ConnectionString) Then
        Select Case termCode
            Case "1"
                Return "First Trimester"
            Case "2"
                Return "Second Trimester"
            Case "3"
                Return "Third Trimester"
        End Select
    Else
        Select Case termCode
            Case "1"
                Return "First Quarter"
            Case "2"

```

```
                Return "Second Quarter"
            Case "3"
                Return "Third Quarter"
            Case "4"
                Return "Fourth Quarter"
        End Select
    End If

    Return termCode

End Function

Public Shared Function GetUniqueSectionCode(ByVal school As String,
ByVal section As String) As String

    Return school & "-" & section

End Function
```