

Ed-Fi 3.x Staff School 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 School(s) to which a staff member provides instructional services.

Staff School Association Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#!/entity/95046848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#!/StaffSchoolAssociation603>

API v3.4.0

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

Scenarios v3

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

Natural Key

- ProgramAssignmentDescriptor
- SchoolId
- StaffUniqueld

Used By

- None

Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	academicSubjects	List(Of StaffSchoolAssociation AcademicSubject)	Optional				
academicSubjects[n]	academicSubjects[n]	StaffSchoolAssociation AcademicSubject	Optional				
academicSubjects[n]	academicSubject Descriptor	Descriptor	Optional				Not stored in Aeries
\	gradeLevels	List(Of StaffSchool AssociationGradeLevel)	Optional				
gradeLevels	gradeLevels[n]	StaffSchoolAssociation GradeLevel	Optional				
gradeLevels[n]	gradeLevelDescriptor	Descriptor	Optional	TCH	LO & HI		Loop between lowGrade and highGrade GetEdFiCodeValue(EdFiResourceDescriptors. GradeLevelDescriptor, "STU", "GR", grade.ToString()) see function below

\	programAssignment Descriptor	Descriptor	Identity			hard code to 'Regular Education'	GetV3Descriptor ("ProgramAssignment Descriptor", 'Regular Education')
\	schoolReference	SchoolReference	Required				
schoolReference	schoolId	Integer	Identity	TCH	SC		GetNullableInteger(s("SC"))
\	schoolYearType Reference	SchoolYearType Reference	Optional				
schoolYearType Reference	schoolYear	Integer	Optional				
\	staffReference	StaffReference	Identity				
staffReference	staffUniqueid	String	Identity	TCH	ID		GetString(s("ID"))
\	calendarReference	Reference	Optional				
calendarReference	calendarCode	String	Optional				
calendarReference	schoolId	Integer	Optional				
calendarReference	schoolYear	Integer	Optional				

Code

```
Public Function GetStaffGradeLevels(ByVal rowTCH As DataRow) As List(Of  
StaffSchoolAssociationGradeLevel)
```

```
    Dim gradeLevels As List(Of StaffSchoolAssociationGradeLevel) =  
New List(Of StaffSchoolAssociationGradeLevel)
```

```
    Try
```

```
        Dim lowGrade As Integer = rowTCH!LO  
        Dim highGrade As Integer = rowTCH!HI  
        Dim gradelevel As String = String.Empty
```

```
        For grade As Integer = lowGrade To highGrade  
            AddGradeLevel(gradeLevels, grade)  
        Next
```

```
    Catch ex As Exception
```

```
        ' TODO log exception then keep mapping
```

```
    End Try
```

```
    Return gradeLevels
```

```
End Function
```

```
Private Sub AddGradeLevel(ByRef gradeLevels As List(Of  
StaffSchoolAssociationGradeLevel), ByVal grade As Integer)
```

```
    Dim gradelevelDescriptor As String = EdFiDescriptors.  
GetEdFiCodeValue(EdFiResourceDescriptors.GradeLevelDescriptor, "STU",  
"GR", grade.ToString(), OdsConfiguration.ConfigId, DbConnectionString)
```

```
    If Not String.IsNullOrEmpty(gradelevelDescriptor) Then
```

```
        Dim gradeLevel As StaffSchoolAssociationGradeLevel =  
New StaffSchoolAssociationGradeLevel With {  
            .gradeLevelDescriptor = gradelevelDescriptor  
        }
```

```
        If Not gradeLevels.Any(Function(g) g.  
gradeLevelDescriptor = gradeLevel.gradeLevelDescriptor) Then  
            gradeLevels.Add(gradeLevel)
```

```
        End If
```

```
    End If
```

```
End Sub
```