

Ed-Fi 3.x Student 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 represents the School in which a student is enrolled. The semantics of enrollment may differ slightly by state. Non-enrollment relationships between a student and an education organization may be described using the StudentEducationOrganizationAssociation.

Student School Association Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#/entity/8c076848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#/StudentSchoolAssociation613>

API v3.4.0

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

Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+Student+Enrollment+%3E+StudentSchoolAssociation+Scenarios>

Natural Key

- EntryDate
- SchoolId
- StudentUniqueId

Used By

- tbd

Entity Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	entryDate	Date	Identity	ENR	ED		GetNullableDate(s("ED"))
\	calendarReference	Class	Optional				
calendarReference	calendarReference	String	Optional				
calendarReference	schoolId	Integer	Optional				
calendarReference	schoolYear	Integer	Optional				
\	classOfSchoolYear TypeReference	Class	Optional				
classOfSchoolYear TypeReference	schoolYear	Integer	Optional				
\	graduationPlan Reference	Class	Required				DO NOT SEND graduationPlan data for previous year enrollment Only Students in Grades 9-12 will have this data extracted.
graduationPlan Reference	education OrganizationId	Integer	Required	ENR	SC		GetNullableInteger(s("SC"))

graduationPlanReference	graduationPlanTypeDescriptor	Descriptor	Required	STU	GRT	Mapped	GetEdFiCodeValue(GraduationPlanTypeDescriptor, "REQ", "GRT", rowENR!GRT)
graduationPlanReference	graduationSchoolYear	Integer	Required	ENR	13- GR + CurrentYear	function call:	GetGraduationSchoolYear(rowENR!GR) where rowENR!GR is grade 13 - If(grade > 12, 12, grade) + currentSchoolYear where currentSchoolYear is DAY_Functions. GetCurrentYear(0, connectionString) GetGraduationYear(dr!GR, CurrentSchoolYear)
\	schoolReference	SchoolReference	Required				
schoolReference	schoolId	Integer	Identity	ENR	SC		GetNullableInteger(s("SC"))
\	schoolYearTypeReference	SchoolYearTypeReference	Optional				
schoolYearTypeReference	schoolYear	Integer	Optional	ENR	YR+1		If(GetNullableInteger(s("YR")).HasValue, GetNullableInteger(s("YR")).Value + 1, Nothing)
\	studentReference	Class	Required				
studentReference	studentUniqueId	String	Identity	ENR	ID		GetString(s("ID"))
	alternativeGraduationPlans	List (Of alternativeGraduationPlan)	Optional				
alternativeGraduationPlan[1]	alternativeGraduationPlanReference	Class	Optional				
alternativeGraduationPlanReference	educationOrganizationId	Integer	Optional				
alternativeGraduationPlanReference	graduationPlanTypeDescriptor	Descriptor	Optional				
alternativeGraduationPlanReference	graduationSchoolYear	Integer	Optional				
\	educationPlans	List(Of educationPlan)	Optional				
educationPlan[1]	educationPlanDescriptor	Descriptor	Optional				
\	employedWhileEnrolled	Boolean	Optional				
\	entryGradeLevelDescriptor	Descriptor	Required	ENR	GR	Mapped	GetEdFiCodeValue(GradeLevelDescriptor, "STU", "GR", drENR!GR)
\	entryGradeLevelReasonDescriptor	Descriptor	Optional				
\	entryTypeDescriptor	Descriptor	Required			Hard code to "Other"	Not stored in Aeries GetV3Descriptor ("EntryTypeDescriptor", "Other")
	exitWithdrawDate	Date	Required	ENR	LD		GetNullableDate(s("LD"))
\	exitWithdrawTypeDescriptor	Descriptor	Required	ENR	ER	Mapped	GetEdFiCodeValue(ExitWithdrawTypeDescriptor, "ATT", "RS", drENR!ER) mapped from ATT.RS code sets.
\	fullTimeEquivalency	Integer	Optional				
\	primarySchool	Boolean	Optional				
\	repeatGradeIndicator	Boolean	Required	RET	CD	Mapped	GetNullableBoolean(GetEdFiCodeValue(EdFiResourceTypes.BooleanType, "RET", "CD", rowENR!RET_CD)
\	residencyStatusDescriptor	Descriptor	Required	ENR	IT	Mapped	GetEdFiCodeValue(ResidencyStatusDescriptor, "STU", "IT", drENR!IT)

\	schoolChoiceTransfer	Boolean	Required	ENR	IT	Mapped	GetNullableBoolean(EdFiTypes. GetEdFiCodeValue (EdFiResourceTypes. BooleanType, "STU", "IT.2", rowENR!IT)
\	termCompletionIndicator	Boolean	Optional				