

Ed-Fi 3.x Calendar Date 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

The type of scheduled or unscheduled event for the day.

Calendar Date Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#!/entity/f9fe6748-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#!/CalendarDate545>

API v3.4.0

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

Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+Education+Organization+Calendar+%3E+CalendarDate+Scenarios>

Natural Key

- CalendarCode
- Date
- SchoolId
- SchoolYear

Used By

- SectionAttendanceTakenEvent.CalendarDate (as required).

Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	date	Date	Identity	DAY	DT		GetNullableDate(s("DT"))
\	calendarEvents	calendarEvents[]					
calendarEvents	calendarEventDescriptor	String	Required	DAY	HO		GetV3Descriptor("CalendarEventDescriptor", GetCalendarEventName(s("HO"))) see function below
\	Calendar Reference	Calendar Reference	Identity				
calendarReference	calendarCode	Integer	Identity	DAY	SC	Hardcoded SC + "CAL"	GetCalendarCode(s("SC"))
calendarReference	schoolId	Integer	Identity	DAY	SC		GetNullableInteger(s("SC"))
calendarReference	schoolYear	Integer	Identity				GetNullableInteger(GetCurrentSchoolYear(DbConnectionString))

Code

```
Public Shared Function GetCalendarCode(ByVal school As String) As String

    Return school & "CAL"

End Function

Public Shared Function GetCalendarEventName(ByVal calendarEvent As
String) As String

    ' https://demo.aeries.net/aeries/calendar.aspx

    Dim calendarEventName As String = Nothing

    Select Case calendarEvent

        Case "@" ' School not in session
            calendarEventName = EdFiConstants.
CalendarEventTypes(EdFiCalendarEventTypeEnum.Other) ' returning
nothing causes validation to fail

        Case "#" ' School Holiday
            calendarEventName = EdFiConstants.
CalendarEventTypes(EdFiCalendarEventTypeEnum.Holiday)

        Case "$" ' Staff Development
            calendarEventName = EdFiConstants.
CalendarEventTypes(EdFiCalendarEventTypeEnum.TeacherOnlyDay)

        Case "%" ' Minimum Day
            calendarEventName = EdFiConstants.
CalendarEventTypes(EdFiCalendarEventTypeEnum.
StudentLateArrivalEarlyDismissal)

        Case "+" ' Parent Conference
            calendarEventName = EdFiConstants.
CalendarEventTypes(EdFiCalendarEventTypeEnum.Other)

        Case Else ' must be a normal instructional day
            calendarEventName = EdFiConstants.
CalendarEventTypes(EdFiCalendarEventTypeEnum.InstructionalDay)

    End Select

    Return calendarEventName
```

End Function