

Ed-Fi 3.x Bell Schedule 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 entity represents the schedule of class period meeting times.

Bell Schedule Links

Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#!/entity/d9fe6748-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#!/BellSchedule543>

API v3.4.0

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

Scenarios v3

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

Natural Key

- BellScheduleName
- SchoolId

Used By

- None

Mappings

Parent	Properties	Type	Required	Table	Field	Other	Code / Notes
\	bellScheduleName	string(60)	Identity	BSD	TY or TI		GetString(s("BellScheduleName"))
\	alternateDayName	string(20)	Required	BSD	TI + ' ' + KY	(truncate if > 20 characters) substring (IIF(BSD. TY is null,"", BSD. TI),1,20)	GetString(s("AlternateDayName"))
\	classPeriods[]	List (Of classPeriodReference)	Required				
classPeriods[n]	classPeriodName	string	Required	MST	PD, BL, DY		GetClassPeriodName(s("PD"), s("BL"), s("DY")) See function below
classPeriods[n]	schoolId	integer	Optional	BSD	SC		
\	schoolReference	Entity	Required				
schoolReference	schoolId	integer	Identity	BSD	SC		GetNullableInteger(s("SC"))

\	dates		Optional				
dates	date	date	Optional				
\	gradeLevels	Entity	Optional				
gradeLevels	gradeLevelDescriptor	string	Optional				
\	startTime	time	Optional	BSD (FTT Flex)	ST		MIN() start time from all the related BEL periods
\	endTime	time	Optional	BSD (FTT Flex)	ET		MAX() end time from all the related BEL periods
\	totalInstructionalTime	integer	Optional				

Code

```
Public Shared Function GetClassPeriodName(ByVal period As String, ByVal
block As Integer, ByVal day As String) As String

    'Examples: "FLEXP1, 1 MTWTF", "2-3 MTWTF", "5 MW", "6 A-DAYS"
    Return period & (IIf(block > 1 AndAlso IsNumeric(period), "-" &
(CInt(period) + block - 1), "")) & RTrim(" " & day)

End Function
```