Calendars (Indiana v3.6)

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Tool Search: Ed-Fi

Object Triggering Logic | School Exclude, Calendar Exclude, Resource Toggle and Resync Logic | Scope Year Logic | Identity Mapping Object Key | Event Queue Detail | Error Log | Object Data Elements | Arrays | Type/Descriptor

This entity represents a set of dates associated with an organization.

Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a new Calendar is created. • Do not send a record if the Calendar Exclude checkbox is marked. • Do not send a record if the School Exclude checkbox is marked. When a new Schedule Structure in an existing Calendar is created and saved.
Put	When calendar data below are changed or updated • Calendar Type • Grade Level
Delete	When a calendar and/or schedule structure is deleted.
Delete/Post	Delete if a 2nd Schedule Structure is added after 1st Calendar is sent.

School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	No data will send if the School or Calendar is marked as Exclude.
Delete	If the Calendar is marked as exclude after the Calendar or any dependent data is sent, the calendar and all dependent data will delete upon a resync even if the resource is toggled 'OFF'.
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Resync	If a Calendar record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a Calendar record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

Scope Year Logic

This table describes scope year logic of this object.

Logic
Calendars will only send for the school year to which they are aligned. • Data will only send for years that have valid configuration. • Future Years data will be suppressed until the Active Year is changed. This allows the Schedule Wizard to be used and reducing the number of records sent until the final schedule is completed. A resync must be done after the Active Year is changed to send data.

Identity Mapping Object Key

This table describes the Identity Mapping Object Key of this object.

campusObjectType	Object Key Data Source
ScheduleStructure	structureID

Event Queue Detail

Campus Table	Ed-Fi Action	Fields
calendar	Post/Put/Delete	The primary table used for sending data for this resource.
gradeLevel	Put	Will update the Grade Levels field if a grade level is added/removed to the school and a mapping exists for that grade level.

Error Log

Error	Possible Causes / How to Fix
403 Forbidden: {"message": "Access to the resource could not be authorized for the requested action 'http://ed-fi.org/odsapi/actions/create'."}	This is usually caused by a security set up error in the ODS. Contact the Ed-Fi Alliance for assistant on correct security setup in the ODS.
Error code return from Ed-Fi. 400: [message: Validation of 'Calendar' failed. CalendarTypeDescriptorId is required.].	The Type field is not selected on the Calendar that is being sent or the Type selected on the Calendar is not mapped to an Ed-Fi Code in Resource Preferences.
The School ID being sent is non-numeric. Enter a numeric Ed-Fi School Number or State School Number on the Schools editor to correct this issue.	Ed-Fi does not accept alpha-values in the School ID field. If the State School Number has any alpha characters, use the Ed-Fi School ID field to create a numeric school number to send.

Object Data Elements

This table describes data elements sent within the Calendars resource. Data Element Labels in **bold** are part of the Natural Key and are required data elements for information to send to Ed-Fi.

Data Element Label	Business Requirement	Business Rules	M, C or O	Location
id	The unique identifier of the resource.	N/A	M	N/A
calendarCode	The identifier for the Calendar.	Reports Calendar ID + Schedule Structure ID separated by -'s. • Example: 12-34	M	Index > System Administration > Calendar > Calendar > Calendar ID + Index > System Administration > Calendar > Schedule Structure > Structure ID Calendar.calendarID + ScheduleStructure.StructureID
schoolReference	A reference to the related School resource.	See references table below.	M	
schoolYearTypeReference	A reference to the related School Year resource.	See references table below.	M	
calendarTypeDescriptor	Indicates the type of Calendar.	Report the Ed-Fi Code the Calendar Type is mapped to in Calendar Resource Preferences. • If the Type is not selected on the Calendar or not mapped, an error will occur.	M	System Administration > Calendar > Calendar > Type calendar.type
gradeLevels	Indicates the Grade Level associated with the Calendar.	See arrays logic below.	O	System Administration > Calendar > Calendar > Grade Levels gradelevel.name

Arrays

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References

Reference	Business Rule	Example	Location

| schoolReference | Report the school as: 10+District#+School#
• Example: 1010009999 | ```"schoolReference": {   "schoolId": 0,   "link": {   "rel": "string",   "href": "string"   } }``` | System Administration > Resources > District Info > State District Number
+
 System Administration > Resources > School > State School Number

 district.stateDistrictNumber <br> school.stateSchoolNumber |
| schoolYearTypeReference | Report the End Year of School Year
• Example: SY 22-23, report 2023 | ```"schoolYearTypeReference": {   "schoolYear": 0,   "link": {   "rel": "string",   "href": "string"   } }``` | System Administration > Calendar > School Years > School Year Editor > End Year

 SchoolYear.endYear |

Type/Descriptor

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Grade Level Descriptor

Code Value	Description	Namespace
01	Grade 1	uri://doe.in.gov/GradeLevelDescriptor
02	Grade 2	uri://doe.in.gov/GradeLevelDescriptor
03	Grade 3	uri://doe.in.gov/GradeLevelDescriptor
04	Grade 4	uri://doe.in.gov/GradeLevelDescriptor
05	Grade 5	uri://doe.in.gov/GradeLevelDescriptor
06	Grade 6	uri://doe.in.gov/GradeLevelDescriptor
07	Grade 7	uri://doe.in.gov/GradeLevelDescriptor
08	Grade 8	uri://doe.in.gov/GradeLevelDescriptor
09	Grade 9	uri://doe.in.gov/GradeLevelDescriptor
10	Grade 10	uri://doe.in.gov/GradeLevelDescriptor
11	Grade 11	uri://doe.in.gov/GradeLevelDescriptor
12	Grade 12	uri://doe.in.gov/GradeLevelDescriptor

Code Value	Description	Namespace
13	Grade 13 Used for an individual assigned to a class or program that does not have standard grade designations. This may include students who remain enrolled in school after completing high school in order to earn additional high school credits and students with disabilities.	uri://doe.in.gov/GradeLevelDescriptor
KG	KG - Full Day	uri://doe.in.gov/GradeLevelDescriptor
KG - Afternoon	KG - Afternoon	uri://doe.in.gov/GradeLevelDescriptor
KG - Morning	KG - Morning	uri://doe.in.gov/GradeLevelDescriptor
PK	Prekindergarten ages 3 - 5	uri://doe.in.gov/GradeLevelDescriptor
UG	Ungraded	uri://doe.in.gov/GradeLevelDescriptor