

Party Time Period Attendance

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Document Version History

Version	Status	Approval Date	Issue Date	Modified by	Description
1.0	Approved: Recommended	23/02/2010	23/02/2010	ISB	
2.0	Approved: Recommended	25/09/2012	25/09/2012	ISB	Updated to include data need for central collections
3.0	Approved: Recommended	11/06/2013	11/06/2013	ISB	Updated due to a change to the Primary Key of the entity Party Time Period Attendance
4.0	Approved: Recommended	18/11/2014	08/12/2014	ISB	New attribute Party_Schedule_Name

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1 DATA STANDARD

1.1 Introduction

1.1.1 Application

A record kept by a Party (e.g. a Learning Provider or employer) of the presence or absence (or expected presence or absence) of another Party (e.g. a Learner, assessment candidate or employee). For example, an attendance mark for a pupil taken by a teacher at a school register-taking session, or a record made from a card-swipe by a Learner at a FE College.

The party time period attendance is owned by the party that is keeping records. The record-keeping Party is free to define attendance periods locally to suit their operations.

The party time period attendance encompasses both simple from/to date recording and period-based recording.

1.1.2 Compatibility with non-ISB standards

There are no known compatibility issues related to this standard.

1.1.3 Terminology and notation

The following sections contain:

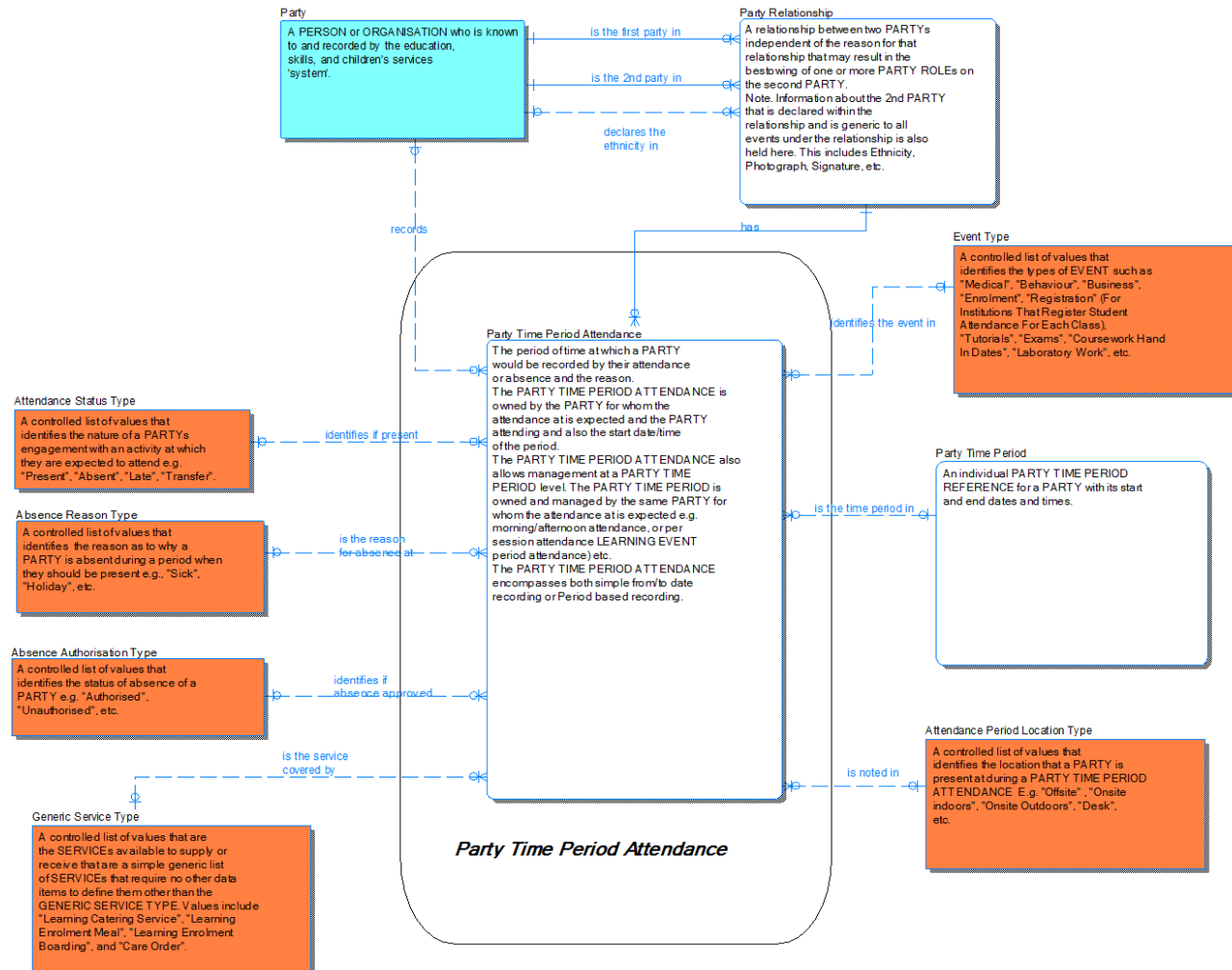
- **Entity Definition Model** – A high level diagram showing: entities; their descriptions and relationships
- **Attribute Model** – A lower level diagram showing the names of attributes making up entities. Attributes in the top section of an entities box are those making up its primary key
- **Data Definitions** – Detailed descriptions of each of the entities at an attribute level, showing attribute: name; definition; whether it is part of a key; whether it is mandatory; its data type and format; parent information and Controlled List association

Only those entities within the boundary square in the diagrams are part of this particular data standard, entities outside the boundary are shown for context purposes only (and can be found within other Business Data Standards), or separate Controlled List reference data.

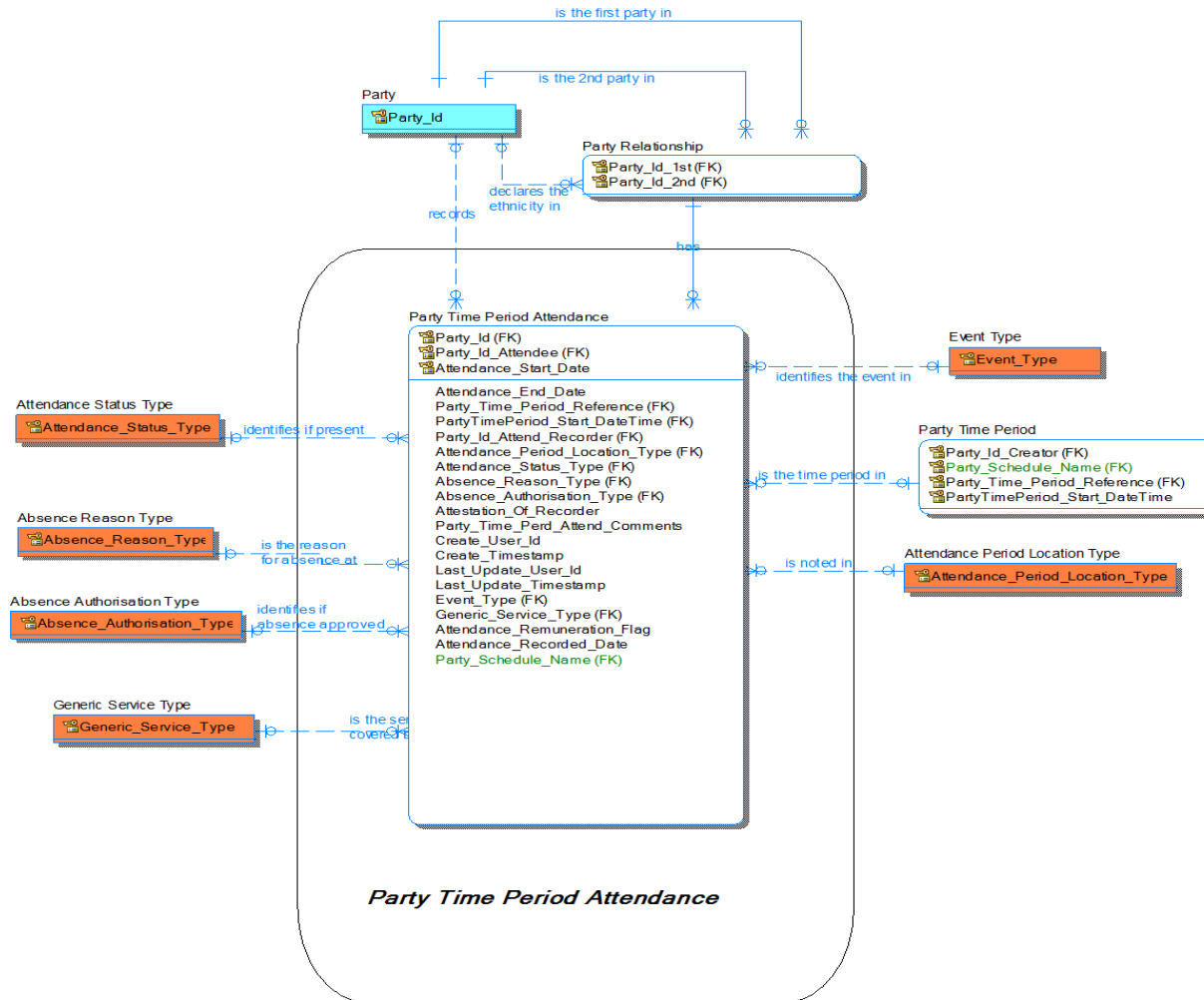
The standards for naming, notation and conventions used for this development can be found in the BDA Data Architecture Modelling Standards document. For convenience, a quick reference of the colours used in these diagrams is shown below.



1.2 Entity Definition Model



1.3 Attribute Model



1.4 Data Definitions

1.4.1 Entity: Party Time Period Attendance

The period of time at which a PARTY would be recorded by their attendance or absence and the reason.

The PARTY TIME PERIOD ATTENDANCE is owned by the PARTY for whom the attendance at is expected and the PARTY attending and also the start date/time of the period.

The PARTY TIME PERIOD ATTENDANCE also allows management at a PARTY TIME PERIOD level. The PARTY TIME PERIOD is owned and managed by the same PARTY for whom the attendance at is expected e.g. morning/afternoon attendance, or per session attendance LEARNING EVENT period attendance) etc.

The PARTY TIME PERIOD ATTENDANCE encompasses both simple from/to date recording or Period based recording.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Party_Id	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Party Relationship	Party_Id_1st	
Party_Id_Attendee	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Party Relationship	Party_Id_2nd	
Attendance_Start_Date	The start date/time of the PARTY TIME PERIOD ATTENDANCE.	Y	N	Y	Simple_Date Time			
Attendance_End_Date	The end date/time of the PARTY TIME PERIOD ATTENDANCE.	N	N	N	Simple_Date Time			
Party_Time_Period_Reference	A Reference that identifies divisions of scheduled time such as:	N	Y	N	Unicode_String(1,100)	Party Time Period	Party_Time_Period_Reference	

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
	<p>a) Term periods e.g. Spring Term, Summer Term etc.</p> <p>b) Weeks e.g. Week 1, Week 2 etc.</p> <p>c) Days of the week e.g. Monday, Tuesday etc.</p> <p>d) Financial Quarters e.g. Financial Quarter 1, Financial Quarter 2 etc.</p> <p>e) Financial Years e.g. Financial Year 2011</p> <p>The PARTY TIME PERIOD REFERENCE does not contain dates/times as it is used repeatedly and only holds information common to all uses of that reference. For the actual dates and times that apply in a particular instance of the period, these are added in the PARTY TIME PERIOD that links a particular TIME PERIOD to its actual start and end date/time and to a PARTY SCHEDULE.</p>							

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
PartyTimePeriod_Start_DateTime	The date and time of the start of the PARTY TIME PERIOD.	N	Y	N	Simple_Date Time	Party Time Period	PartyTimePeriod_Start_DateTime	
Party_Id_Attend_Recorder ¹	A value that denotes and distinguishes the PARTY.	N	Y	N	Unicode_String(1,32)	Party	Party_Id	
Attendance_Period_Location_Type	A controlled list of values that identifies the location that a PARTY is present at during a PARTY TIME PERIOD ATTENDANCE E.g. "Offsite", "Onsite indoors", "Onsite Outdoors", "Desk", etc.	N	Y	N	Unicode_String(1,25)			Attendance Period Location Type
Attendance_Status_Type	A controlled list of values that identifies the nature of a PARTY's engagement with an activity at which they are expected to attend e.g. "Present", "Absent", "Late", "Transfer".	N	Y	N	Unicode_String(1,50)			Attendance Status Type

¹ The PARTY that carries out the function of recording another PARTY's attendance.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Absence_Reason_Type	A controlled list of values that identifies the reason as to why a PARTY is absent during a period when they should be present e.g., "Sick", "Holiday", etc.	N	Y	N	Unicode_String(1,250)			Absence Reason Type
Absence_Authorisation_Type	A controlled list of values that identifies the status of absence of a PARTY e.g. "Authorised", "Unauthorised", etc.	N	Y	N	Unicode_String(1,50)			Absence Authorisation Type
Attestation_Of_Recorder	Proof of the authority of the person recording the ATTENDANCE e.g. digital signature, secure audit record etc.	N	N	N	Unicode_String(1,255)			
Party_Time_Period_Attend_Comments	To allow the recording of any information related to this attendance period such as whether the learner was assessed as a result of continued absence etc. This is to accommodate more detailed assessment and outcome information that will be provided in Phase II.	N	N	N	Unicode_String(1,2000)			

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Create_User_Id	The user id who created this original data record in the source system - used for traceability.	N	N	N	Unicode_String(1,35)			
Create_Timestamp	The Date and Time of when this record was first created in the source system -- used for traceability.	N	N	N	Simple_Date Time			
Last_Update_User_Id	The user id who last updated this data record in the source system - used for traceability.	N	N	N	Unicode_String(1,35)			
Last_Update_Time stamp	The Date and Time of when this record was last updated in the source system -- used for traceability.	N	N	N	Simple_Date Time			
Event_Type	A controlled list of values that identifies the types of EVENT such as "Medical", "Behaviour", "Business", "Enrolment", "Registration" (For Institutions That Register Student Attendance For Each Class), "Tutorials", "Exams", "Coursework Hand In Dates", "Laboratory Work", etc.	N	Y	N	Unicode_String(1,50)			Event Type

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Generic_Service_Type	A controlled list of values that are the SERVICES available to supply or receive that are a simple generic list of SERVICES that require no other data items to define them other than the GENERIC SERVICE TYPE. Values include "Learning Catering Service", "Learning Enrolment Meal", "Learning Enrolment Boarding", and "Care Order".	N	Y	N	Unicode_String(1,100)			Generic Service Type
Attendance_Remuneration_Flag	A flag that identifies whether an absence was paid (Y) or unpaid (N).	N	N	N	Simple_Flag			
Attendance_Recorded_Date	The date/time the attendance was recorded.	N	N	N	Simple_Date Time			
Party_Schedule_Name	The name given to the PARTY SCHEDULE. E.g. Academic Calendar 2013, June Series 2013, etc.	N	Y	N	Unicode_String(1,100)			

2 CHANGES FROM PREVIOUS VERSION

Party_Schedule_Name has been added as non-Identifying attribute from key propagation from Party Time Period.

3 REFERENCES

The following references are specific to this Business Data Standard:

- ESCS ISB Business Data Architecture Entity Relationship Diagram, version 8.01.
- ESCS ISB, Controlled List, Attendance Status Type
- ESCS ISB, Controlled List, Absence Reason Type
- ESCS ISB, Controlled List, Absence Authorisation Type
- ESCS ISB, Controlled List, Generic Service Type
- ESCS ISB, Controlled List, Event Type
- ESCS ISB, Controlled List, Attendance Period Location Type

The following references apply to all Business Data Standards:

- ESCS ISB Standards Overview and Context
- ESCS ISB “System“ Enterprise Architecture - Business Data Architecture
- ESCS ISB Business Data Architecture Data Types
- ESCS ISB BDA Data Architecture Modelling Standards

- ESCS ISB Management Process

4 NOTES

None.

5 COPYRIGHT NOTICE

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