

Subject Classification

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Document Version History

Version	Status	Approval Date	Issue Date	Modified by	Description
1.0	Approved: Recommended	19/08/2015	26/10/2015	ISB	New Standard.
2.0	Approved: Recommended	22/03/2016	26/04/2016	ISB	Modify the identifying attribute Record_Delete_Flag to be a non-identifying attribute Modify length of field for Subject_Clas_Level_Type

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1 DATA STANDARD

1.1 Introduction

1.1.1 Application

This standard can be used to store or exchange data that identifies Subject Classifications. A Subject Classification is a topic within a subject classification scheme, such as the Sector Subject Areas classification scheme or the JACS v2.0 classification scheme. A subject classification scheme typically identifies subjects that may be associated with other entities such as qualifications or learning opportunities, for example, to help the learner to identify a specific qualification or learning opportunity that will help to prepare for further learning, employment, career progression, achieve personal growth, engagement in learning etc.

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:

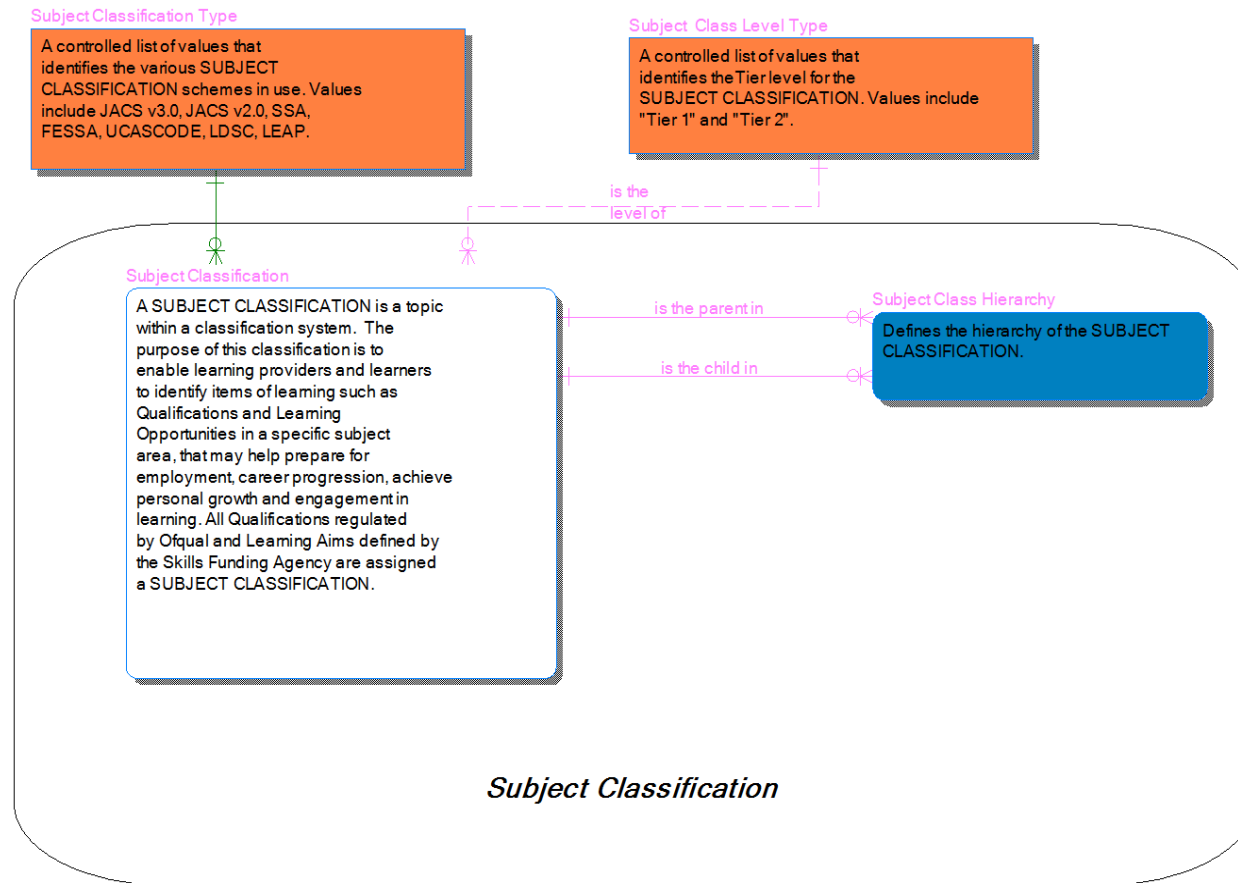
- **Entity Definition Model** – A high level diagram showing: entities; their descriptions and relationships
- **Attribute Model** – A lower level diagram showing the names of attributes making up entities. Attributes in the top section of an entities box are those making up its primary key
- **Data 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.

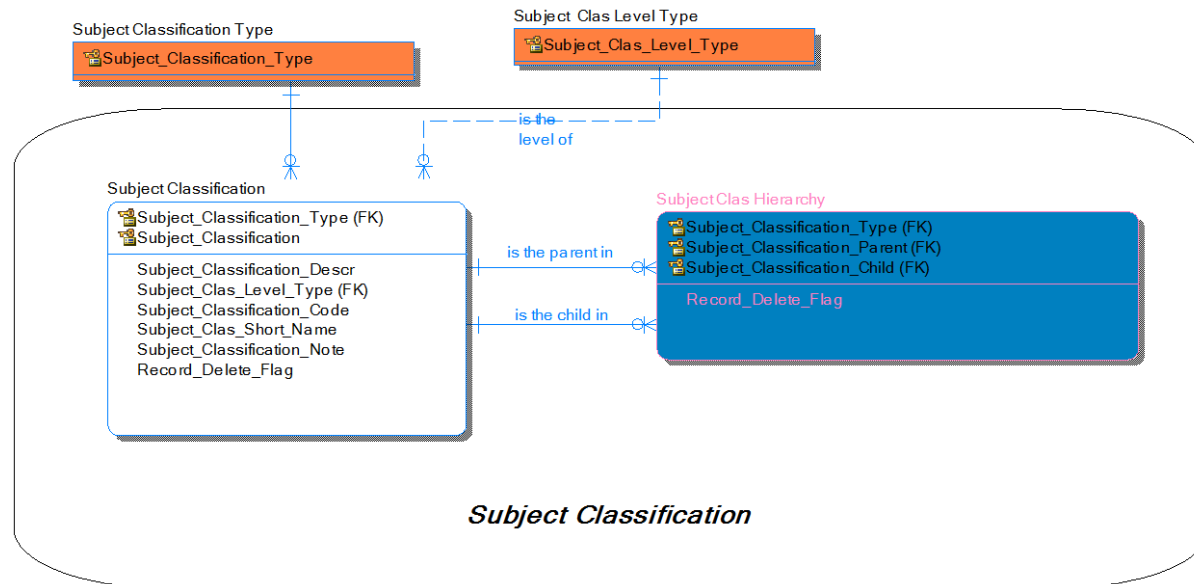
The standards for naming, notation and conventions used for this development can be found in the BDA Data Architecture Modelling Standards document. For convenience, a quick reference of the colours used in these diagrams is shown below.



1.2 Entity Definition Model



1.3 Attribute Model



1.4 Data Definitions

1.4.1 Entity: Subject Classification

A SUBJECT CLASSIFICATION is a topic within a classification system. The purpose of this classification is to enable learning providers and learners to identify items of learning such as Qualifications and Learning Opportunities in a specific subject area, that may help prepare for employment, career progression, achieve personal growth and engagement in learning. All Qualifications regulated by Ofqual and Learning Aims defined by the Skills Funding Agency are assigned a SUBJECT CLASSIFICATION.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Subject_Classification_Type	A controlled list of values that identifies the various SUBJECT CLASSIFICATION schemes in use. Values include JACS v3.0, JACS v2.0, SSA, FESSA, UCASCODE, LDSC, LEAP.	Y	Y	Y	Unicode_String(1,20)			Subject Classification Type
Subject_Classification	A Subject Classification as defined under a SUBJECT CLASSIFICATION TYPE.	Y	N	Y	Unicode_String(1,50)			
Subject_Classification_Descr	The description of the SUBJECT CLASSIFICATION.	N	N	N	Unicode_String(1,300)			
Subject_Class_Level_Type	A controlled list of values that identifies the Tier level for the SUBJECT CLASSIFICATION. Values include "Tier 1" and "Tier 2".	N	Y	Y	Unicode_String(1,50)			Subject Classification Level Type

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Subject_Classification_Code	A code used within the classification scheme to identify the particular Subject Classification eg SSA use 1,1.1,1.2, etc. JACS use A100, A200 etc. LDCS use A, AA, AA.1, etc.	N	N	N	Unicode_String(1,20)			
Subject_Clas_Short_Name	A short name for the SUBJECT CLASSIFICATION.	N	N	N	Unicode_String(1,20)			
Subject_Classification_Note	Additional information regarding the SUBJECT CLASSIFICATION.	N	N	N	Unicode_String(1,200)			
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

1.4.2 Associative Entity: Subject Clas Hierarchy

Defines the hierarchy of the SUBJECT CLASSIFICATION.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Subject_Classification_Type	A controlled list of values that identifies the various SUBJECT CLASSIFICATION schemes in use. Values include JACS v3.0, JACS v2.0, SSA, FESSA, UCASCODE, LDSC, LEAP.	Y	Y	Y	Unicode_String(1,20)	Subject Classification	Subject_Classification_Type	
Subject_Classification_Parent	A Subject Classification as defined under a SUBJECT CLASSIFICATION TYPE.	Y	Y	Y	Unicode_String(1,50)	Subject Classification	Subject_Classification	
Subject_Classification_Child	A Subject Classification as defined under a SUBJECT CLASSIFICATION TYPE.	Y	Y	Y	Unicode_String(1,50)	Subject Classification	Subject_Classification	.
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

2 CHANGES FROM PREVIOUS VERSION

Modify the identifying attribute Record_Delete_Flag to be a non-identifying attribute.

Modify length of field for Subject_Clas_Level_Type from Unicode_String(1,8) to Unicode_String(1,50) to support long type values.

3 REFERENCES

The following references are specific to this Business Data Standard:

- ESCS ISB Business Data Architecture Entity Relationship Diagram, version XXX
- ESCS ISB Controlled List, Subject Clas Level Type
- ESCS ISB Controlled List, Subject Classification 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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