

Arches System Concept Glossary

CONCEPT LABEL	CONCEPT TYPE	INTERFACE (UI) LABEL	CRM CLASS	DEFINITION / SCOPE NOTE	SOURCE
ABSOLUTE DATE	Data Field	Date (under <i>Scientific and Absolute Dates</i>)	E49	The absolute date associated with the item or group [i.e., HERITAGE RESOURCE], e.g. 1666.	CIDOC, CDS, 2008, 3.4.4.1.
ABSOLUTE DATING ATTRIBUTE ASSIGNMENT	Node only		E13	An Arches element providing a link between an ABSOLUTE DATING EVENT and the ABSOLUTE DATE.	
ABSOLUTE DATING EVENT	Node only		E5	An Arches element acting as a linking node between a resource and the absolute date. Details of the event can be explicit where this information is known or implicit where only the date is known.	
ABSOLUTE DATING METHOD	Data Field	Dating Method (under <i>Scientific and Absolute Dates</i>)	E55	The term(s) which classifies the type of dating method used to define the value for ABSOLUTE DATE.	CIDOC, CDS, 2008, 3.4.4.2.
ABSOLUTE DATING METHOD AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various types of ABSOLUTE DATING METHOD are derived, e.g. documentary evidence, date stone.	
ABSOLUTE DATING_EVENT DATE RANGE	Node only		E52	A date range associated with the ABSOLUTE DATING EVENT, i.e. the date on which the activity which produced the ABSOLUTE DATE occurred, e.g. 01-JAN-1983	
ACTIVITIES	Resource Category	Activities		One of four Arches resource categories comprised of four resource types (DESIGNATION AND PROTECTION, HISTORICAL EVENT, INVESTIGATION, and MANAGEMENT), defined as actions intentionally carried out by ACTORS that result in changes of state in the cultural, social, or physical systems documented.	Arches Project, 2013; CIDOC, CRM (Version 5.02), 2010, E7 class, p. 5
ACTOR APPELLATION	Node only		E82	The name of a person or organization. This can either be the whole name e.g. 'John Smith' or broken down into its constituent parts and typed e.g. 'John' has type 'Forename', 'Smith' has type 'Surname'.	
ACTORS	Resource Category	Actors		One of four Arches resource categories comprised of two resource types (ORGANIZATION AND PERSON), defined as people, either individually or in groups, who have the potential to perform intentional actions.	CIDOC, CRM (Version 5.02), 2010, E39 class, p. 17
ADDRESS_ACTOR NAME FOR ADDRESS PURPOSES	Data Field	<i>Not applicable to current Arches demo.</i>	E82	The name of a person or organization for the purposes of receiving correspondence. May include salutations such as Mr/Mrs.	
ADDRESS_LOCALITY	Data Field	City/Locality (see also ADDRESS_TOWN/CITY)	E45	A name for an area surrounding a resource which is not part of the formal address but may be useful in locating the resource. For example, a subdivision of a town or a colloquial name for an area.	CIDOC, CDS, 2008, 3.2.3.4.
ADDRESS_NUMBER IN ROAD OR STREET	Data Field	Street No.	E45	The number of the building/site as it relates to the road or the street on which the resource is located/took place. Where known this should be used in combination with Road or Street Name, e.g. 1, The High Street	CIDOC, CDS, 2008, 3.2.3.2.
ADDRESS_POSTCODE	Data Field	Postal	E45	Use this field to record an address code, e.g. 670000, KIA OC8.	CIDOC, CDS, 2008, 3.2.3.6.
ADDRESS_RESOURCE NAME FOR ADDRESS PURPOSES	Data Field	<i>Not applicable to current Arches demo.</i>	E45	The name of the resource for address purposes. This may differ from an actor appellation.	CIDOC, CDS, 2008, 3.2.3.1.
ADDRESS_ROAD OR STREET NAME	Data Field	Street Name	E45	The name of the road or the street on which the resource is located/took place. Where known this should be used in combination with ADDRESS_NUMBER IN ROAD OR STREET.	CIDOC, CDS, 2008, 3.2.3.3.
ADDRESS_TOWN/CITY	Data Field	City/Locality (see also ADDRESS_LOCALITY)	E45	The name of the town or city in which the resource is located/took place.	CIDOC, CDS, 2008, 3.2.3.5.
ADMINISTRATIVE SUBDIVISION	Data Field	Area	E48	According to the administrative structure of each nation/country, a number of repeat entries in this field may be required. For example, in the UK each home nation (England, Scotland, Wales, Northern Ireland) is further subdivided into Counties/Unitary Authorities, Districts and Parishes/Communities/Townships, e.g. Wiltshire, Salisbury, Amesbury and so may require three entries, a controlled vocabulary must make explicit the level of administrative sub-divisions(e.g. for the UK, County, District and Parish names must be explicitly stated to be County, District or Parish names.)	CIDOC, CDS, 2008, 3.2.1.3.

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ADMINISTRATIVE SUBDIVISION AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various ADMINISTRATIVE SUBDIVISION(s) are derived.	
ADMINISTRATIVE SUBDIVISION TYPE	Node only		E55	The term(s) which classifies the type of ADMINISTRATIVE SUBDIVISION associated with a resource.	
ADMINISTRATIVE SUBDIVISION TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various ADMINISTRATIVE SUBDIVISION TYPE(s) are derived.	
ARCHAEOLOGICAL COMPONENT TYPE	Data Field	Component <i>for ARCHAEOLOGICAL HERITAGE resources</i>	E55	The term(s) which classifies the type of COMPONENT forming part of an ARCHAEOLOGICAL HERITAGE RESOURCE which is associated with a MATERIAL and/or TECHNIQUE.	
ARCHAEOLOGICAL COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various ARCHAEOLOGICAL COMPONENT TYPES are derived.	
ARCHAEOLOGICAL HERITAGE (ARTIFACT)	Resource Type	Archaeological Heritage (Element)	E18	A type of resource within the Arches HERITAGE RESOURCES class, defined as a single archaeological entity that could stand alone or be an element of a larger archaeological group (e.g., bath house within a Roman villa; grave within a cemetery). This includes findspots which may indicate that a larger archaeological element exists but has not yet been revealed.	Arches 2013
ARCHAEOLOGICAL HERITAGE (ARTIFACT) TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary (ARCHAEOLOGICAL HERITAGE TYPE) from which the various types of ARTIFACT TYPE are derived. The same vocabulary can be used for ARCHAEOLOGICAL HERITAGE (SITE) TYPE.	
ARCHAEOLOGICAL HERITAGE (SITE)	Resource Type	Archaeological Heritage (Site)	E27	A type of resource within the Arches HERITAGE RESOURCES class (e.g., cemetery, battlefield), defined as an area of archaeological potential or an area of known or discovered archaeological elements.	Arches 2013
ARCHAEOLOGICAL HERITAGE (SITE) TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary (ARCHAEOLOGICAL HERITAGE TYPE) from which the various types of SITE TYPE are derived. The same vocabulary can be used for ARCHAEOLOGICAL HERITAGE (ARTIFACT) TYPE.	
ARCHAEOLOGICAL HERITAGE TYPE	Data Field	Classification <i>(under ARCHAEOLOGICAL HERITAGE (SITE or ARTIFACT)/CLASSIFICATION AND DATING)</i>	E55	The term(s) which classifies the archaeological site or element principally with reference to its function or use. Multiple entries of this unit may be required (e.g. to cater for instances where uncertainty exists over the interpretation, or where more than one entry term is appropriate). Use of a controlled vocabulary is recommended.	
ARCHAEOLOGICAL TECHNIQUE	Data Field	Technique <i>(for ARCHAEOLOGICAL HERITAGE resources)</i>	E55	The technique used to make the ARCHAEOLOGICAL HERITAGE RESOURCE, e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
ARCHAEOLOGICAL TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with an ARCHAEOLOGICAL HERITAGE RESOURCE are derived.	
ARCHES EVENT PHASE	Node only		E4	An Arches element providing a link between an Arches ACTIVITIES resource and the dating associated with it.	
ARCHES RECORD	System		E31	Any record within an instance of Arches.	
ARCHES RESOURCE	Data Field	Resource <i>(under RELATED RESOURCE)</i>	E1	Any of the various resources in Arches including HERITAGE RESOURCES, ACTIVITIES, ACTORS and DOCUMENTS.	
ARCHES RESOURCE CROSS-REFERENCE	Node only		E42	The unique identifier for another ARCHES RESOURCE (e.g. HERITAGE RESOURCES, ACTIVITIES, ACTORS or DOCUMENTS) associated with an Arches resource	
ARCHES RESOURCE CROSS-REFERENCE RELATIONSHIP TYPE	Data Field	Relationship <i>(under RELATED RESOURCE)</i>	E55	The term(s) which classifies the type of relationship which exists between 2 or more ARCHES RESOURCES, e.g. 'is associated with', 'forms part of', 'is related to'.	
ARCHES RESOURCE CROSS-REFERENCE RELATIONSHIP TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various cross-reference relationship types are derived.	
ARCHITECTURAL COMPONENT TYPE	Data Field	Component <i>(for ARCHITECTURAL HERITAGE resources)</i>	E55	The term(s) which classifies the type of COMPONENT forming part of an ARCHITECTURAL HERITAGE RESOURCE which is associated with a MATERIAL and/or TECHNIQUE.	
ARCHITECTURAL COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various ARCHITECTURAL COMPONENT TYPES are derived.	
ARCHITECTURAL HERITAGE	Resource Type	Architectural Heritage	E18	A type of resource within the Arches HERITAGE RESOURCES class, defined as culturally significant buildings, structures, and groups thereof.	Arches 2013
ARCHITECTURAL HERITAGE TYPE	Data Field	Classification <i>(under ARCHITECTURAL HERITAGE/CLASSIFICATION AND DATING)</i>	E55	The term(s) which classifies the architectural element principally with reference to its function or use. Multiple entries of this unit may be required (e.g. to cater for instances where uncertainty exists over the interpretation, or where more than one entry term is appropriate). Use of a controlled vocabulary is recommended.	

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ARCHITECTURAL HERITAGE TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various types of ARCHITECTURAL HERITAGE TYPE are derived.	
ARCHITECTURAL TECHNIQUE	Data Field	Technique (for ARCHITECTURAL HERITAGE resources)	E55	The technique used to make the ARCHITECTURAL HERITAGE RESOURCE, e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
ARCHITECTURAL TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with an ARCHITECTURAL HERITAGE RESOURCE are derived.	
BIRTH	Node only		E67	The implied event associated with the birth of a PERSON, where a DATE OF BIRTH is known.	
BIRTH_TIME-SPAN	Node only		E52	An Arches element providing a link between the implied BIRTH event and the time appellation DATE OF BIRTH.	
CENTURY	Data Field	Incorporated within CULTURAL PERIOD for Arches Demo.	E55	The century of the item or group [i.e., HERITAGE RESOURCE], e.g. 17th century. This field is only appropriate for monuments or sites [i.e., HERITAGE RESOURCES] which belong to historic periods.	CIDOC, CDS, 2008, 3.4.2.1.
CENTURY AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various values for CENTURY are derived.	
CLASSIFICATION AND DATING	Information Themes	Classification and Dating		This information theme consists of the fields that define the type and dating for a resource.	CIDOC, CDS, 2008, 3.3 and 3.4
COMPILER	System		E82	The name of a person associated with the creation or amendment of an ARCHES RECORD.	
COMPILER PERSON	System		E21	An Arches element identifying the real person involved in the creation or amendment of an ARCHES RECORD.	
COMPONENT	Node only		E18	An Arches element representing a physical part of an ARCHES RESOURCE, for which MATERIAL and/or TECHNIQUE can be defined.	
COMPONENT PRODUCTION	Node only		E12	An Arches element representing the implied COMPONENT production event for an ARCHES RESOURCE. It acts as a linking node between the COMPONENT and DESIGN OR PROCEDURE.	
CONDITION ASSESSMENT	Node only		E14	An implied event carried out to provide an assessment of the CONDITION STATE of an ARCHES RESOURCE.	
CONDITION AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the values for CONDITION TYPE are derived.	
CONDITION STATE	Node only		E3	The state of an Arches resource characterized by a certain condition over a time span e.g. 'The building lay in ruins until renovated' where 'in ruins' is the CONDITION STATE.	
CONDITION TYPE	Data Field	Condition	E55	The term(s) used to describe the CONDITION STATE of an ARCHES RESOURCE e.g. ruined, wrecked, etc.	CIDOC, CDS, 2008, 3.5.1.
CONDITIONS	Information Themes	Conditions		This information theme consists of the fields used to record the physical condition of the resource and the date of assessment.	CIDOC, CDS, 2008, 3.5
COUNTRY	Data Field	Not applicable to current Arches demo.	E48	The name of the country or nation within which the item or group [i.e., HERITAGE RESOURCE] is located, e.g. France.	CIDOC, CDS, 2008, 3.2.1.1.
CREATION_EVENT	System		E65	An Arches element acting as a linking node between an actor (COMPILER) and a system generated date (DATE OF COMPILATION or DATE OF LAST UPDATE). Details of the CREATION_EVENT can be explicit where this information is known or implicit where only the actor and date are present.	
CULTURAL PERIOD	Data Field	Period	E55	The term(s) which classifies the CULTURAL PERIOD, e.g. Roman, Medieval, Renaissance, within which an ARCHES RESOURCE was created.	CIDOC, CDS, 2008, 3.4.1.1
CULTURAL PERIOD AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the values for CULTURAL PERIOD are derived.	
DATE CONDITION ASSESSED	Data Field	Date (under CONDITIONS)	E49	The date on which a CONDITION ASSESSMENT was carried out. The ISO standard for date is recommended, e.g. 1986-06-22.	
DATE OF BIRTH	Data Field	Date of Birth	E49	The date of birth of a PERSON. The ISO standard for date is recommended, e.g. 1986-06-22.	Arches Project, 2013
DATE OF COMPILATION	System		E50	The date the core data record was created. The ISO standard for date is recommended, e.g. 1986-06-22.	CIDOC, CDS, 2008, 3.1.3.1.

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DATE OF DEATH	Data Field	Date of Death	E49	The date of death of a PERSON. The ISO standard for date is recommended, e.g. 1986-06-22.	Arches Project, 2013
DATE OF LAST UPDATE	System		E50	This date will be modified whenever the record is updated. It should contain the date of compilation (3.1.3.1) if no updates have been performed. The ISO standard for date is recommended, e.g. 1993-07-12.	CIDOC, CDS, 2008, 3.1.3.2.
DATE ORGANIZATION ASSOCIATION ENDED	Data Field	To (under ORGANIZATION/RELATED RESOURCES)	E50	The date on which an association between an ORGANIZATION and another ARCHES RESOURCE ended.	CIDOC, CDS, 2008, 3.10.4.
DATE ORGANIZATION ASSOCIATION STARTED	Data Field	From (under ORGANIZATION/RELATED RESOURCES)	E50	The date on which an association between an ORGANIZATION and another ARCHES RESOURCE started.	CIDOC, CDS, 2008, 3.10.3.
DATE PERSON ASSOCIATION ENDED	Data Field	To (under PERSON/RELATED RESOURCES)	E50	The date on which an association between a PERSON and another ARCHES RESOURCE ended.	CIDOC, CDS, 2008, 3.10.4.
DATE PERSON ASSOCIATION STARTED	Data Field	From (under PERSON/RELATED RESOURCES)	E50	The date on which an association between a PERSON and another ARCHES RESOURCE started.	CIDOC, CDS, 2008, 3.10.3.
DATE RESOURCE ASSOCIATION ENDED	Data Field	To (under RELATED RESOURCES)	E50	The date on which an association between an ARCHES RESOURCE and another ARCHES RESOURCE ended.	CIDOC, CDS, 2008, 3.10.4.
DATE RESOURCE ASSOCIATION STARTED	Data Field	From (under RELATED RESOURCES)	E50	The date on which an association between an ARCHES RESOURCE and another ARCHES RESOURCE started.	CIDOC, CDS, 2008, 3.10.3.
DEATH	Node only		E69	The implied event associated with the death of a PERSON, where a DATE OF DEATH is known.	
DEATH_TIME-SPAN	Node only		E52	An Arches element providing a link between the implied DEATH event and the time appellation DATE OF DEATH.	
DESCRIPTION OF LOCATION	Data Field	Location Description	E62	A free text field enabling a short description of the location of an item or group [i.e., HERITAGE RESOURCE] to be recorded, to assist identification in the field, and to provide a more precise location for sites in sparsely populated areas, e.g. four kilometres North East of Lake Michigan. This might include the site name where an object was discovered.	CIDOC, CDS, 2008, 3.2.2.1.
DESCRIPTIONS	Information Themes	Descriptions		This information theme consists of the fields that allow for free text description of the resource as well as descriptions of the distinguishing features, inscriptions and markings and the subject, where appropriate.	CIDOC, CDS, 2008, 3.7
DESIGN OR PROCEDURE	Node only		E29	An Arches element providing a link between the implied PRODUCTION event for a resource and the TECHNIQUE used in its production.	
DESIGNATION	Information Themes	Designation		This information theme consists of the fields that state whether the resource is designated or protected and if so, the type of designation or protection and the date at which is was granted.	CIDOC, CDS, 2008, 3.7
DESIGNATION AND PROTECTION	Resource Type	Designation and Protection	E7	A type of resource within the Arches ACTIVITIES class, defined as activities which implement or revoke statutory and non-statutory designation and protection regimes which may apply to HERITAGE RESOURCES.	MIDAS, 2012, p. 41
DESIGNATION AND PROTECTION FROM DATE	Data Field	Start Date (under Designation/Protection Status)	E49	The date from which an ARCHES RESOURCE is deemed to be protected by a designation.	CIDOC, CDS, 2008, 3.6.2.
DESIGNATION AND PROTECTION TO DATE	Data Field	End Date (under Designation/Protection Status)	E49	The date up to which an ARCHES RESOURCE is deemed to be protected by a designation.	
DESIGNATION AND PROTECTION TYPE	Data Field	Classification (under DESIGNATION AND PROTECTION/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the type of DESIGNATION AND PROTECTION activity recorded in an Arches ACTIVITIES resource e.g. Listing, Scheduling, Inscribing on the List of World Heritage Sites.	
DESIGNATION AND PROTECTION TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of activities covered by the DESIGNATION AND PROTECTION TYPE element are derived.	
DISTINGUISHING FEATURES	Data Field	Distinguishing Features	E62	This contains a description of any physical characteristics that uniquely identify an item. This would include notes on unique topology, damage or repairs, e.g. chip on handle, north-south alignment of a grave. This field will normally be blank and should only be used where there are other similar items or groups and a distinguishing feature exists.	CIDOC, CDS, 2008, 3.3.7.2.
DOCUMENT	Resource Type	Document	E31	A type of resource within the Arches DOCUMENTS class. In Arches, a document is defined as any form of information carrier, other than IMAGE, whether physical or digital, e.g. books, maps, PDFs, word-processed documents.	Arches 2013

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DOCUMENT COMPONENT TYPE	Data Field	Component (for DOCUMENT resources)	E55	The term(s) which classifies the type of COMPONENT forming part of a DOCUMENT which is associated with a MATERIAL and/or TECHNIQUE.	
DOCUMENT COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various DOCUMENT COMPONENT TYPES are derived.	
DOCUMENT TECHNIQUE	Data Field	Technique (for DOCUMENT resources)	E55	The technique used to make the DOCUMENT, e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
DOCUMENT TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with a DOCUMENT are derived.	
DOCUMENT TYPE	Data Field	Classification (under DOCUMENT/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the type of DOCUMENT being recorded in an ARCHES RECORD e.g. book, PDF, etc.	
DOCUMENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of resource covered by the DOCUMENT element are derived.	
DOCUMENTS	Resource Category	Documents		One of four Arches resource categories that is comprised of two resource types (DOCUMENT and IMAGE), defined as information which describes HERITAGE RESOURCES, ACTORS, and ACTIVITIES at points in time.	Arches 2013
EPITHET	Data Field	Epithet	E82	A characterizing word or phrase accompanying or occurring in place of the name of a PERSON.	http://www.merriam-webster.com/dictionary/epithet [accessed May 4, 2013]
EXTERNAL RECORD	Node only		E31	A record which describes a resource recorded in an external dataset, e.g. a legacy system.	
EXTERNAL REFERENCES	Information Themes	External References		This information theme consists of the fields that link the resource to external systems.	
EXTERNAL RESOURCE	Node only		E1	An individual resource recorded in an external record.	
EXTERNAL XREF	Data Field	Identifier	E42	The unique identifier to a resource which exists external to an instance of Arches. Usually this would be a Primary Reference Number in an external database but can take other forms.	
EXTERNAL XREF TYPE	Data Field	Type (under EXTERNAL REFERENCES)	E55	The term(s) which classifies the type of cross-reference (XREF) related to an ARCHES RESOURCE.	
EXTERNAL XREF TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types covered by the EXTERNAL XREF TYPE element are derived.	
FAMILY NAME	Data Field	Family Name	E82	The name borne in common by members of a family, also known as a surname. One component of a PERSON NAME along with FIRST NAME, MIDDLE NAME, and TITLE.	http://www.merriam-webster.com/dictionary/surname?show=0&t=1367620853 [accessed May 4, 2013]
FILE PATH	System		E62	The file path identifying where a document or image is stored on a computer.	
FIRST NAME	Data Field	First	E82	A name that precedes a PERSON's FAMILY NAME. One component of a PERSON NAME along with FAMILY NAME, MIDDLE NAME, and TITLE.	Arches, 2013
FROM DATE	Data Field	From (under CLASSIFICATION AND DATING)	E49	The earliest date in the range, e.g. 1640. Sub-section of 3.4.3. Date range which is an optional sub-section for Dating. There may be zero or one entry for this sub-section. Where known, the minimum and maximum dates are taken to be associated with the PRODUCTION event of an resource and not the PERIOD as whole; although they can default to the PERIOD's dates if nothing else is known.	CIDOC, CDS, 2008, 3.4.3.1.
GEOMETRY QUALIFIER	Data Field	Type (under Map your Heritage Resource)	E55	Captures the method by which vector coordinate information was captured for the purpose of communicating spatial accuracy/reliability of the related geometry.	Adam Lodge, 2013
GEOMETRY QUALIFIER AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the GEOMETRY QUALIFIER is derived.	
GEOPOLITICAL UNIT	Data Field	Not applicable to current Arches demo.	E48	Used for recording geographical or political subdivisions of countries or nations; for instance States in the United States, Régions in France, Länder in Germany, Countries in Great Britain, Provinces in Canada, e.g. British Columbia.	CIDOC, CDS, 2008, 3.2.1.2.

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HERITAGE RESOURCE	Resource Category	Heritage Resource		One of four Arches resource categories comprised four resource types (ARCHAEOLOGICAL HERITAGE, ARCHITECTURAL HERITAGE, LANDSCAPE HERITAGE, and MARITIME HERITAGE), defined as culturally significant places.	Arches 2013
HISTORICAL EVENT	Resource Type	Historical Event	E5	A type of resource within the Arches ACTIVITIES resource class, defined as an activity or event that has happened in the past and that relate to the historic environment in some way, providing additional historical context for a record. Historical events include both human and natural events.	MIDAS, 2012, p. 55
HISTORICAL EVENT TYPE	Data Field	Classification (under HISTORICAL EVENT/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the type of HISTORICAL EVENT being recorded e.g. Battle, Natural Disaster, Coronation, etc.	
HISTORICAL EVENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of activities covered by the HISTORICAL EVENT TYPE element are derived.	
IMAGE	Resource Type	Image	E38	A type of resource within the Arches DOCUMENTS resource class. In Arches, an image is defined as any form of information carrier, other than a DOCUMENT, whether physical or digital, e.g. photographs, slides, drawings, jpegs or tiff files.	Arches 2013
IMAGE COMPONENT TYPE	Data Field	Component (for IMAGE resources)	E55	The term(s) which classifies the type of COMPONENT forming part of an IMAGE which is associated with a MATERIAL and/or TECHNIQUE.	
IMAGE COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various IMAGE COMPONENT TYPES are derived.	
IMAGE MATERIAL	Data Field	Material (for IMAGE resources)	E57	The material of which an IMAGE is made, e.g. wood, brick, ceramic. A controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.1.
IMAGE MATERIAL AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of IMAGE MATERIAL are derived.	
IMAGE TECHNIQUE	Data Field	Technique (for IMAGE resources)	E55	The technique used to make the IMAGE, e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
IMAGE TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with an IMAGE are derived.	
IMAGE TYPE	Data Field	Classification (under IMAGE/CLASSIFICATION AND DATING)	E55	The type associated with a particular IMAGE resource.	
IMAGE TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of IMAGE are derived.	
INSCRIPTION	Node only		E34	An Arches element acting as a linking node between an ARCHES RESOURCE and any INSCRIPTIONS AND MARKINGS which it carries.	
INSCRIPTIONS AND MARKINGS	Node only		E62	This contains a description of and, where possible, the text of any inscriptions, numbers or markings on the item or group, e.g. a signature, dedication, title, maker's mark, purity mark or property mark.	CIDOC, CDS, 2008, 3.7.3.
INVESTIGATION	Resource Type	Investigation	E7	A type of resource within the Arches ACTIVITIES class, defined as activities undertaken with the explicit intention of gathering information about, and understanding of, a HERITAGE RESOURCE, and the creation of an information source to record that information and understanding.	MIDAS, 2012, p. 38
INVESTIGATION TYPE	Data Field	Classification (under INVESTIGATION/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the type of INVESTIGATION activity associated with a resource e.g. Excavation, Field Survey, etc.	
INVESTIGATION TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various types of INVESTIGATION are derived.	
LANDSCAPE COMPONENT TYPE	Data Field	Component (for LANDSCAPE HERITAGE resources)	E55	The term(s) which classifies the type of COMPONENT forming part of a LANDSCAPE HERITAGE RESOURCE which is associated with a MATERIAL and/or TECHNIQUE.	
LANDSCAPE COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various LANDSCAPE COMPONENT TYPES are derived.	

CONCEPT LABEL	CONCEPT TYPE	INTERFACE (UI) LABEL	CRM CLASS	DEFINITION / SCOPE NOTE	SOURCE
LANDSCAPE HERITAGE	Resource Type	Landscape Heritage	E27	A type of resource within the Arches HERITAGE RESOURCES resource class, defined as areas of land designed and created intentionally by man, such as garden and parkland landscapes constructed for aesthetic reasons, organically evolved areas of land resulting from an initial social, economic, administrative, and/or religious imperative and that has developed its present form by association with and in response to its natural environment, or areas of land that are culturally significant due to powerful religious, artistic or cultural associations of the natural element rather than material cultural evidence, which may be insignificant or even absent.	UNESCO, 2012, Operational Guidelines for the Implementation of the World Heritage Convention, p. 88
LANDSCAPE HERITAGE TYPE	Data Field	Classification (under LANDSCAPE HERITAGE/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the landscape heritage resource principally with reference to its function or use. Multiple entries of this unit may be required (e.g. to cater for instances where uncertainty exists over the interpretation, or where more than one entry term is appropriate). Use of a controlled vocabulary is recommended.	
LANDSCAPE HERITAGE TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various types of LANDSCAPE HERITAGE TYPE are derived.	
LANDSCAPE TECHNIQUE	Data Field	Technique (for LANDSCAPE HERITAGE resources)	E55	The technique used to make the LANDSCAPE HERITAGE RESOURCE, e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
LANDSCAPE TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with a LANDSCAPE HERITAGE RESOURCE are derived.	
LOCATIONS	Information Themes	Locations		This information theme consists of the fields that locates the resource. It is the place of discovery for the resource.	CIDOC, CDS, 2008, 3.2
MANAGEMENT	Resource Type	Management	E7	A type of resource within the Arches ACTIVITIES class, defined as activities undertaken to prevent damage to, promote the survival of, and promote the understanding and appreciation of HERITAGE RESOURCES.	MIDAS, 2012, p. 45
MANAGEMENT TYPE	Data Field	Classification (under MANAGEMENT/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the type of management activity associated with a heritage resource. Multiple entries of this unit may be required (e.g. to cater for instances where more than one entry term is appropriate). Use of a controlled vocabulary is recommended.	
MANAGEMENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of activities covered by the MANAGEMENT TYPE element are derived.	
MARITIME COMPONENT TYPE	Data Field	Component (for MARITIME HERITAGE resources)	E55	The term(s) which classifies the type of COMPONENT forming part of a MARITIME HERITAGE RESOURCE which is associated with a MATERIAL and/or TECHNIQUE.	
MARITIME COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various MARITIME COMPONENT TYPES are derived.	
MARITIME HERITAGE	Resource Type	Maritime Heritage	E18	A type of resource within the Arches HERITAGE RESOURCES resource class, defined as underwater heritage (both under sea and inland), which may include heritage inundated by sea level rise and dam construction, shipwrecks and aircraft, as well as heritage afloat (e.g., ships, sailing vessels)	Arches 2013
MARITIME HERITAGE TYPE	Data Field	Classification (under MARITIME HERITAGE/CLASSIFICATION AND DATING)	E55	The term(s) which classifies the maritime heritage resource principally with reference to its function or use. Multiple entries of this unit may be required (e.g. to cater for instances where more than one entry term is appropriate). Use of one or more controlled vocabularies is recommended.	
MARITIME HERITAGE TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of MARITIME HERITAGE element are derived. Multiple authority documents could be used, for example a MARITIME CRAFT TYPE to record wrecks or a MONUMENT TYPE THESAURUS to record underwater archaeological or architectural features.	
MARITIME TECHNIQUE	Data Field	Technique (for MARITIME HERITAGE resources)	E55	The technique used to make the MARITIME HERITAGE RESOURCE, e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
MARITIME TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with a MARITIME HERITAGE RESOURCE are derived.	
MATERIAL	Data Field	Material	E57	The material of which the item or group is made, e.g. wood, brick, ceramic. A controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.1.

CONCEPT LABEL	CONCEPT TYPE	INTERFACE (UI) LABEL	CRM CLASS	DEFINITION / SCOPE NOTE	SOURCE
MATERIAL AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of MATERIAL are derived.	
MATERIAL COMPONENT TYPE	Data Field	Component	E55	The term(s) which classifies the type of COMPONENT forming part of a HERITAGE RESOURCE which is associated with a MATERIAL, e.g. wall, roof, etc.	
MATERIAL COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various MATERIAL COMPONENT TYPES are derived.	
MATERIALS AND TECHNIQUES	Information Themes	Materials and Techniques		This information theme consists of the fields which records the materials and techniques used in construction or production of the resource.	CIDOC, CDS, 2008, 3.8
MEASUREMENT TYPE	Data Field	Type (under MEASUREMENTS)	E55	The term(s) which classifies the type of MEASUREMENT associated with an Arches HERITAGE RESOURCE, e.g. Breadth, Width, Height, etc.	
MEASUREMENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of MEASUREMENT are derived.	
MEASUREMENTS	Information Themes	Measurements		This information theme consists of the fields that record the measurements of the resource.	CIDOC, CDS, 2008, 3.9
MIDDLE NAME	Data Field	Middle	E82	A name between a PERSON's FIRST NAME and FAMILY NAME. One component of a PERSON NAME along with FIRST NAME, FAMILY NAME, and TITLE.	Arches Project, 2013
NAME	Data Field	Name	E41	An appellation assigned to an ARCHES RESOURCE, e.g. Stonehenge, John Smith, Pevsner's London.	CIDOC, CDS, 2008, 3.1.2
NAME OF ORGANIZATION	Data Field	Name (under ORGANIZATION)	E82	An appellation assigned to a legally identifiable body such as a company or association.	CIDOC, CDS, 2008, 3.10.1.
NAME OF PERSON	Node only		E82	An appellation assigned to an individual. The name of a person will usually comprise of FIRST NAME and a FAMILY NAME but may also include other elements, such as MIDDLE NAME, etc.	CIDOC, CDS, 2008, 3.10.1.
NAME TYPE	Data Field	Type (under NAMES)	E55	The term(s) which classifies the time of name associated with an ARCHES RESOURCE, e.g. Primary, Alternative, Former, etc.	
NAME TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the NAME TYPE is derived.	
NAMES	Information Themes	Names		This information theme consists of the fields that identifies the resource.	CIDOC, CDS, 2008, 3.1
ORGANIZATION	Resource Type	Organization	E74	A type of resource within the Arches ACTORS class, defined as any legally identifiable body.	MIDAS, 2012, p. 105
ORGANIZATION ASSOCIATION EVENT	Node only		E7	An Arches element acting as a linking node for the implied event which associates an ORGANIZATION with an ARCHES RESOURCE.	
ORGANIZATION TYPE	Data Field	Classification (under ORGANIZATION/CLASSIFICATION AND DATING)	E55	The term(s) which classifies an ORGANIZATION resource.	
ORGANIZATION TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various ORGANIZATION TYPE(s) are derived.	
PERSON	Resource Type	Person	E21	A type of resource within the Arches ACTORS class, defined as real persons (i.e. who live or are assumed to have lived).	CIDOC, CRM (Version 5.02), 2010, E21 class, p. 11
PERSON ASSOCIATION EVENT	Node only		E7	An Arches element acting as a linking node for the implied event which associates a PERSON with an ARCHES RESOURCE.	
PERSON TYPE	Data Field	Classification (under PERSON/CLASSIFICATION AND DATING)	E55	The term(s) which classifies a PERSON resource.	
PERSON TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various PERSON TYPE(s) are derived.	
PERSON_NAME_ASSIGNMENT	Node only		E15	The implied event which assigns a name to a PERSON.	
PHASE TYPE ASSIGNMENT	Node only		E17	The implied event which assigns the dating and type to an ARCHES RESOURCE.	
PLACE	Node only		E53	An Arches element acting as a linking node between an ARCHES RESOURCE and its physical location.	
PLACE APPELLATION_CADASTRAL REFERENCE	Data Field	Parcel Reference Number	E44	The value given to a CADASTRAL REFERENCE.	CIDOC, CDS, 2008, 3.2.4.1
PLACE_ADDRESS	Node only		E53	The address associated with an ARCHES RESOURCE.	CIDOC, CDS, 2008, 3.2.3.
PLACE_CADASTRAL REFERENCE	Node only		E53	The land unit/parcel on which an Arches HERITAGE RESOURCE is located.	CIDOC, CDS, 2008, 3.2.4.

CONCEPT LABEL	CONCEPT TYPE	INTERFACE (UI) LABEL	CRM CLASS	DEFINITION / SCOPE NOTE	SOURCE
PLACE_SITE LOCATION	Node only		E53	The implied physical location of an ARCHES RESOURCE.	
PLACE_THIS LAND PARCEL	Node only		E53	The implied physical LAND PARCEL on which an ARCHES RESOURCE is located.	
PRODUCTION	Node only		E12	An Arches element representing the implied production event for an ARCHES RESOURCE. It acts as a linking node between the HERITAGE RESOURCE and the dating and typing elements	
PROTECTION EVENT	Node only		E65	An implied event which assigns a TYPE OF DESIGNATION OR PROTECTION to an Arches HERITAGE RESOURCE.	
REFERENCE NUMBER (INTERNAL)	System		E42	The unique identifier for a record which exists in an instance of ARCHES. Usually, this would be a Primary Reference Number but can take other forms.	
RELATED RESOURCES	Information Themes	Related Resources		This information theme consists of the fields that define the relationship of the resource to other resources within the system.	
RESOURCE ASSOCIATION EVENT	Node only		E7	An Arches element acting as a linking node between an ARCHES RESOURCE CROSS REFERENCE and the RESOURCE EVENT TIME SPAN.	
RESOURCE EVENT TIME SPAN	Node only		E52	The time span associated with an implied RESOURCE ASSOCIATION EVENT.	
RIGHT	Node only		E30	An Arches element acting as a linking node between an ARCHES RESOURCE and a DESIGNATION AND PROTECTION regime.	
SCIENTIFIC DATE	Data Field	Date <i>(under Scientific and Absolute Dates)</i>	E49	The scientific date associated with the item or group [i.e., HERITAGE RESOURCE], e.g. 1580 - 1410 Cal BC (HAR-1234).	CIDOC, CDS, 2008, 3.4.4.1.
SCIENTIFIC DATING ATTRIBUTE ASSIGNMENT	Node only		E13	An Arches element providing a link between a SCIENTIFIC DATING EVENT and the SCIENTIFIC DATE.	
SCIENTIFIC DATING EVENT	Node only		E5	An Arches element acting as a linking node between a resource and the SCIENTIFIC DATE. Details of the event can be explicit where this information is known or implicit where only the date is known.	
SCIENTIFIC DATING METHOD	Data Field	Dating Method <i>(under Scientific and Absolute Dates)</i>	E55	The term(s) which classifies the type of dating method used to define the value for SCIENTIFIC DATE.	CIDOC, CDS, 2008, 3.4.4.2.
SCIENTIFIC DATING METHOD AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the various types of SCIENTIFIC DATING METHOD are derived.	
SCIENTIFIC DATING_EVENT DATE RANGE	Node only		E52	A date range associated with the SCIENTIFIC_DATING EVENT, i.e. the date on which the activity which produced the SCIENTIFIC DATE occurred, e.g. 01-JAN-1983	
SPATIAL COORDINATES_GEOMETRY	System	Coordinates	E47		
SUBJECT	Data Field	Subject or Keyword	E55	This contains a description of the subject of the item or group [i.e., HERITAGE RESOURCE], e.g. female figure, battle. Guidelines and/or keywords are desirable.	CIDOC, CDS, 2008, 3.7.4.
SUBJECT	Information Themes	Subject		This information theme consists of the fields that describe the subject and keywords for the resource.	CIDOC, CDS, 2008, 3.7.4
SUBJECT AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the SUBJECT(S) associated with a resource are derived.	
SUMMARY	Data Field	Summary Descriptions	E62	A brief free text description of the item or group [i.e., HERITAGE RESOURCE].	CIDOC, CDS, 2008, 3.7.1.
TECHNIQUE	Data Field	Technique	E55	The technique used to make the item or group [i.e., HERITAGE RESOURCE], e.g. carving, timber-frame, wheel-thrown. Controlled vocabulary is desirable and must include "unknown".	CIDOC, CDS, 2008, 3.8.2.
TECHNIQUE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TECHNIQUE(S) associated with a resource are derived.	
TECHNIQUE COMPONENT TYPE	Data Field	Component	E55	The term(s) which classifies the type of component forming part of a HERITAGE RESOURCE which is associated with a TECHNIQUE, e.g. wall, roof, etc.	
TECHNIQUE COMPONENT TYPE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various types of TECHNIQUE COMPONENT are derived.	
TIME SPAN OF DESIGNATION AND PROTECTION	Node only		E52	The time-span during which a DESIGNATION OR PROTECTION regime is applied to an Arches HERITAGE RESOURCE.	
TIME-SPAN_CREATION EVENT	System		E52	The time-span associated with the creation of an ARCHES RECORD. This will usually be automatically assigned.	
TIME-SPAN_PHASE	Node only		E52	The time-span associated with the PHASE.	
TIME-SPAN_UPDATE EVENT	System		E52	The time-span associated with the UPDATE EVENT.	

CONCEPT LABEL	CONCEPT TYPE	INTERFACE (UI) LABEL	CRM CLASS	DEFINITION / SCOPE NOTE	SOURCE
TITLE	Data Field	Title	E82	An appellation of dignity, honor, distinction, or preeminence attached to a person or family by virtue of rank, office, precedent, privilege, attainment, or lands; or an appellation prefixed to the surname or first name of a PERSON without a higher, honorific, or professional title. One component of a PERSON NAME along with FIRST NAME, MIDDLE NAME, and FAMILY NAME.	http://www.merriam-webster.com/dictionary/title [accessed May 4, 2013]
TITLE AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary from which the various TITLE(s) are derived.	
TO DATE	Data Field	To <i>(under CLASSIFICATION AND DATING)</i>	E49	The latest date in the range, e.g. 1660. Sub-section of 3.4.3. Date range which is an optional sub-section for Dating. There may be zero or one entry for this sub-section.	CIDOC, CDS, 2008, 3.4.3.2.
TYPE OF DESIGNATION OR PROTECTION	Data Field	Type of Protection	E55	A term(s) which classifies the type of designation or protection regime affecting an Arches HERITAGE RESOURCE, e.g. Listed, Scheduled, etc.	CIDOC, CDS, 2008, 3.6.1.
TYPE OF DESIGNATION OR PROTECTION AUTHORITY DOCUMENT	Controlled Vocabulary		E32	The controlled vocabulary from which the TYPE(S) OF DESIGNATION AND PROTECTION associated with an Arches HERITAGE RESOURCE are derived.	
UNIT OF MEASUREMENT	Data Field	Unit	E58	The unit in which the measurement has been made, e.g. cm, in, lbs, kg, Munsell. A controlled vocabulary is desirable.	CIDOC, CDS, 2008, 3.9.2.
UNIT OF MEASUREMENT AUTHORITY DOCUMENT	Controlled Vocabulary		E32	A controlled vocabulary listing the various types for the UNIT OF MEASUREMENT.	
UPDATE EVENT	System		E65	An Arches element for the implied event node linking the DATE OF LAST UPDATE to the COMPILER for an ARCHES RESOURCE.	
VALUE OF MEASUREMENT	Data Field	Value	E60	The number of units measured, e.g. 27.4, 12Y5.	CIDOC, CDS, 2008, 3.9.3.