Comparing Metadata Elements

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Table 1. Grouping information categories		
Information category	**Information identified**	**Entity**
Name of the repository	Archaeology Data Service	Repository
URL of the repository	http://archaeologydataservice.ac.uk/	Repository
Owner of the repository	University of York	Repository
Maintenance authority	University of York – King's Manor	Repository
Funding institution	Arts and Humanities Research Council	Repository
Time coverage	Prehistoric to 2015	Repository
Subject of the repository	Archaeology	Repository
Data content	Archived data, text, images, remote sensing imagery, maps, topographical and sub-surface surveys, and reconstruction drawings	Repository
Data format	AutoCAD – DWG, Drawing Interchange Format – DXF, Scalable Vector Graphics – SVG, Access - MDB / ACCDB, OpenDocument Database – ODB, Delimited text, ESRI Shapefile - SHP + SHX + DBF, Geo-referenced TIF Image - TIF + TFW, Geography Markup Language – GML, Uncompressed Baseline TIFF v.6 – TIF, MPEG1 & 2 - MPG, MPEG, MPEG4 - MPG4, CSV, Microsoft Excel - XSL / XLSX, OpenDocument Spreadsheet – ODS, Microsoft Word - DOC / DOCX, OpenDocument Text – ODT, X3D, VRML, Java3D, QTVR, Raw xyz data: TXT, CSV, Rendered images: TIF, Broadcast Wave Format .bwf, Waveform Audio WAV, and Audio Interchange AIF	Repository
Data collection method	Data collected from archaeologists participating in archaeologist digs and researchers analyzing information related to archaeological digs	Repository

Data access methods	Browsing, downloading, and analyzing	Repository
Data grouped method	Grouped by type of data, time period, and period, and location of archaeological dig	Repository
Dataset list	Type of data: Event, Evidence, Object, Maritime Craft, and Monument; Time Period: Prehistoric, Roman, Medieval, Post Medieval, Modern, Non UK Period Terms; Location of Archaeological dig: British Isles, Continental Europe, Middle East, South America, and Africa	Repository
Search interface	Type-in string search box	Repository
Search option	Keyword	Repository
Name of the dataset	Analysis of Roman Silver coins, Augustus to the reform of Trajan (27 BC - AD 100)	Dataset
URL of the dataset	http://archaeologydataservice.ac.uk/archives/view/coins_lt_2005/index.cfm (Query search for Emperor Nero (A13) doi: 10.5284/1035238	Dataset
Author(s) of the dataset	Matthew Ponting and Kevin Butcher	Dataset
Emperor on Coin	Nero	Dataset
Observe of Coin	NERO CLAVD DIVI CLAVD F CAESAR AVG GERMA, laur. hd., l.	Dataset
Reverse of Coin	DIVOS CLAVD AVGVST GERMANIC PATER AVG, laur. hd. of Claudius, r.	Dataset
Metallic Composition	Silver	Dataset
Owner of coin	Ashmolean Museum	Dataset
Scan date of coin	12/21/2015	Dataset
Scan resolution	600 dpi	Dataset
Coin weight	7.82	Dataset
Related information	Butcher, K. and Ponting, M. 2015: The Metallurgy of Roman Silver Coinage. From the Reform of Nero to the Reform of Trajan	Dataset

2 dimensional viewers of scan data	Highslide JS Viewer	Dataset
Thumbnail size	125x112 or 568x514 pixels	Dataset
File formats of scan data	Jpg	Dataset
Size of downloadable image file of scan data	13.6 and 259 kb	Dataset

Table 2. Grouping information categories			
Information category	**Information identified**	**Entity**	**DC elements**
Name of the repository	Archaeology Data Service	Repository	publisher
URL of the repository	http://archaeologydataservice.ac.uk/	Repository	identifier
Owner of the repository	University of York	Repository	publisher
Maintenance authority	University of York – King's Manor	Repository	publisher
Funding institution	Arts and Humanities Research Council	Repository	contributor
Time coverage	Prehistoric to 2015	Repository	coverage
Subject of the repository	Archaeology	Repository	subject
Data content	Archived data, text, images, remote sensing imagery, maps, topographical and sub-surface surveys, and reconstruction drawings	Repository	format
Data format	AutoCAD – DWG, Drawing Interchange Format – DXF, Scalable Vector Graphics – SVG, Access - MDB / ACCDB, OpenDocument Database – ODB, Delimited text, ESRI Shapefile - SHP + SHX + DBF, Geo-referenced TIF Image - TIF + TFW, Geography Markup Language – GML, Uncompressed Baseline TIFF v.6 – TIF, MPEG1 & 2 - MPG, MPEG, MPEG4 - MPG4, CSV, Microsoft Excel - XSL / XLSX, OpenDocument Spreadsheet – ODS, Microsoft Word - DOC / DOCX, OpenDocument Text – ODT, X3D, VRML, Java3D, QTVR, Raw xyz data: TXT, CSV, Rendered	Repository	format

	images: TIF, Broadcast Wave Format .bwf, Waveform Audio WAV, and Audio Interchange AIF		
Data collection method	Data collected from archaeologists participating in archaeologist digs and researchers analyzing information related to archaeological digs	Repository	contributor
Dataset list	Type of data: Event, Evidence, Object, Maritime Craft, and Monument; Time Period: Prehistoric, Roman, Medieval, Post Medieval, Modern, Non UK Period Terms; Location of Archaeological dig: British Isles, Continental Europe, Middle East, South America, and Africa	Repository	coverage
Name of the dataset	Analysis of Roman Silver coins, Augustus to the reform of Trajan (27 BC - AD 100)	Dataset	title
URL of the dataset	http://archaeologydataservice.ac.uk/archives/view/coins_lt_2005/index.cfm (Query search for Emperor Nero (A13) doi: 10.5284/1035238	Dataset	identifier
Author(s) of the dataset	Matthew Ponting and Kevin Butcher	Dataset	creator
Emperor Depicted on Object	Nero	Dataset	subject
Observe Inscription on Object	NERO CLAVD DIVI CLAVD F CAESAR AVG GERMA, laur. hd., l.	Dataset	description
Reverse Inscription on Object	DIVOS CLAVD AVGVST GERMANIC PATER AVG, laur. hd. of Claudius, r.	Dataset	description
Object studied	Silver Coin	Dataset	type
Owner of object	Ashmolean Museum	Dataset	source
Scan date of	12/21/2015	Dataset	date

object			
Scan resolution	600 dpi	Dataset	format
Coin weight	7.82	Dataset	format
Related information	Butcher, K. and Ponting, M. 2015: The Metallurgy of Roman Silver Coinage. From the Reform of Nero to the Reform of Trajan	Dataset	relation
2 dimensional viewers of scan data	Highslide JS Viewer	Dataset	format
Thumbnail size	125x112 or 568x514 pixels	Dataset	format
File formats of scan data	Jpg	Dataset	format
Size of downloadable image file of scan data	13.6 and 259 kb	Dataset	format

Summary

The first part of this assignment was rather simple as it was only necessary to classify between dataset and repository. However, the second part of the assignment was more challenging as it involved cataloging the terms according to an established metadata standard. Since archaeological data was being documented, Dublin Core was the most appropriate standard for that type of data. One of the biggest challenges involved in documenting the information was whether the "Highslide JS Viewer" should be classified under "format." I decided that it was appropriate to do so since the images that were being viewed through the "Highslide JS Viewer" were categorized under "format." Another challenge was whether the inscriptions on the observe and reverse of the coin should be classified under the "description" element. This problem stems from the explanation on Dublin Core's website that the "description" element should include complete sentences related to the object being documented. In the end, I categorized the incriptions under "description" because it provided direct information about the coin being analyzed. The main issue with this was that the coin's writing was in Latin, and I was unable to obtain a complete translation through "Google Translator." This exercise gave me firsthand practice in expanding my knowledge of metadata standards and how information would be classified in a library setting.

References

Archaeology Data Service (2016, February). Retrieved from http://archaeologydataservice.ac.uk/

Dublin Core Metadata Initiative (2012, June). Dublin Core Metadata Element Set, Version 1.1. *Dublin Core Metadata Initiative*. Retrieved from http://dublincore.org/documents/dces/

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