

VRA Core 4.0 Element Description

Global XML attributes: *dataDate*, *extent*, *href*, *pref*, *refid*, *rules*, *source*, *vocab*, and *xml:lang*. Global attributes are optional and may be added to any element or subelement as needed. Definitions are as follows:

- *dataDate* refers to the date and/or time a particular piece of data was entered.
- *extent* refers to the part of the work, image or collection being described by the element or subelement that it modifies.
- *href* refers to a hypertext reference that provides a link to another electronic resource.
- *pref* indicates that a particular data value is the preferred value when multiple data values for the same element or subelement exist.
- *refid* refers to id numbers or codes coming from the local institution or resource named in the *source* attribute.
- *rules* refers to any data content standards used to construct the value recorded in the element (e.g. AACR2, CCO).
- *source* refers to the local, print, or electronic source from which information is derived for a specific element (e.g. Grove Dictionary of Art). Please note: SOURCE is also used as an element and should be used when you want to record a single print or electronic source for information pertaining to the entire record rather than pertaining to individual elements.
- *vocab* refers to the controlled vocabulary source from which the term or phrase is recorded (e.g. AAT, LCSH).
- *xml:lang* refers to the language in which the information is recorded in the system (e.g. English, French).

Optional subelements: One **display** and one **notes** subelement may be added to any element set as needed. Repeatable elements that allow multiple index values are contained, along with the **display** and **notes** subelements, within the `<elementSet></elementSet>` tags.

WORK, COLLECTION, or IMAGE

Attributes: id

Definition: A choice of one of three elements, WORK, COLLECTION, or IMAGE, defines a VRA 4.0 record as describing a WORK (a built or created object), a COLLECTION (an aggregate of such objects), or an IMAGE (a visual surrogate of such objects.) In the XML schema, this differentiation is expressed as an upper-level wrapper element named work, collection, or image that contains within it the remainder of the Core element set. In this expression, the *id* attribute contains a unique identifier for the XML record, the *refid* attribute holds the local unique identifier for the work, collection, or image described by the element set (such as a local work id or accession number), and the *source* attribute places the work, collection, or image described by the element set in the context to which the element set belongs, such as a particular repository or visual resource collection.

Data Values for Element name (controlled): WORK, COLLECTION, IMAGE

VRA Core 2.0: None

VRA Core 3.0: Record Type

CDWA: Object/ Work-Catalog Level

Dublin Core: TYPE

CCO: *Part ONE: General Guidelines: Record Type (V)*

Required; Not repeatable

Note: The XML *id* attribute must begin with a character. The convention used here prefixes a numeric value with w_ for works, c_ for collections, and i_ for images.

Example:

VRA Core Element	XML element	XML attribute	Data example
WORK	work		
		<i>id</i>	w_987654321
		<i>refid</i>	000347
		<i>source</i>	History of Art Visual Resources Collection, UCB
COLLECTION	collection		
		<i>id</i>	c_876543210
		<i>refid</i>	BANC MSS 67/125 z
		<i>source</i>	Bancroft Library, UCB
IMAGE	image		
		<i>id</i>	i_765432109
		<i>refid</i>	388438
		<i>source</i>	History of Art Visual Resources Collection, UCB

XML expression for a work record (Arch of Constantine)

```
<work id="w_987654321" refid="000347" source="History of Art Visual Resources Collection, UCB">
... </work>
```

XML expression for a collection record (Joel Asaph Allan Papers, 1883-1884)

```
<collection id="c_876543210" refid="BANC MSS 67/125 z" source="Bancroft Library, UCB">
... </collection>
```

XML expression for an image record (of the Arch of Constantine)

```
<image id="i_765432109" refid="388438" source="History of Art Visual Resources Collection, UCB">
... </image>
```

AGENT

Subelements:

name

Attributes: type

culture

dates

Attributes: type

earliestDate

latestDate

role

attribution

Description: The names, appellations, or other identifiers assigned to an individual, group, or corporate body that has contributed to the design, creation, production, manufacture, or alteration of the work or image. When more than one agent is cited, the *extent* attribute may be used to qualify the role subelement for one or both names. In the case of a named individual, group, or corporate body, the culture subelement refers to the nationality or culture of the individual, group, or corporate body in the name subelement. In cases where no identifiable individual, group, or corporate body can be named, creation responsibility is assumed by the culture subelement. To record the cultural context within which a work, collection, or image was created, independent of the nationality or culture of the creator, use the CULTURAL CONTEXT element.

Data Values (controlled): recommend ULAN and LCNAF, ULAN Editorial Guidelines Chapter 4.7 Appendix G, *Nationalities and Places* for culture terms

Restricted schema data values for agent name type attribute: *personal, corporate, family, other*

Restricted schema data values for agent dates type attribute: *life, activity, other*

Data value encoding for earliestDate and latestDate subelement: data values should be formulated according to ISO 8601 standards for data content (<http://www.cl.cam.ac.uk/~mgk25/iso-time.html>), i.e. YYYY, YYYY-MM, or YYYY-MM-DD. For artists still living, use the value *present* in the **latestDate** subelement.

Comment: Use of a Personal and Corporate Name Authority, from which these data values may be derived, is recommended. See CCO *Part 3, A1: Personal and Corporate Name Authority* for a more thorough discussion about the role of a name authority in the creation statement.

VRA Core 2.0: W6 Creator; W7 Role

VRA Core 3.0: Creator

CDWA: Creation-Creator Description-Identity; Creation-Creator Description-Role; Creation-Creator Description-Extent; Creation-Creator Description-Qualifier

Dublin Core: CREATOR, CONTRIBUTOR

CCO: Part TWO: Chapter 2: *Creator Information*

Not Required; Repeatable

AGENT (continued)

Example:

VRA Core Element	XML element	XML sub-element	XML attribute	XML sub-element	Data example (display value in bold)
AGENT	agent				School of Peter Paul Rubens (1577-1640)
		name			Rubens, Peter Paul
			<i>type</i>		personal
			<i>vocab</i>		ULAN
			<i>refid</i>		500002921
		culture			Flemish
		dates			1577-1640
			<i>type</i>		life
				earliestDate	1577
				latestDate	1640
		dates			
			<i>type</i>		activity
				earliestDate	1590
				latestDate	1640
		role			painter (artist)
			<i>vocab</i>		AAT
			<i>refid</i>		300025136
		attribution			School of

AGENT (continued)

XML expression for a work record

```
<agentSet>
  <display>School of Peter Paul Rubens (1577-1640)</display>
  <agent>
    <name type="personal" vocab="ULAN" refid="500002921" dataDate="2006-09-22">Rubens,
    Peter Paul</name>
    <culture>Flemish</culture>
    <dates type="life">
      <earliestDate>1577</earliestDate>
      <latestDate>1640</latestDate>
    </dates>
    <dates type="activity">
      <earliestDate>1590</earliestDate>
      <latestDate>1640</latestDate>
    </dates>
    <role vocab="AAT" refid="300025136">painter (artist)</role>
    <attribution>School of</attribution>
  </agent>
</agentSet>
```

XML expression for an image record

```
<agentSet>
  <display>Julie Wolf</display>
  <agent>
    <name type="personal">Wolf, Julie</name>
    <role>photographer</role>
  </agent>
</agentSet>
```

XML expression for a work record with more than one agent

```
<agentSet>
  <display>Peter Paul Rubens (1577-1640), with animals by Frans Snyders (1579-1657)</display>
  <agent>
    <name type="personal" vocab="ULAN" refid="500002921" dataDate="2006-09-22">Rubens,
    Peter Paul</name>
    <culture>Flemish</culture>
    <dates type="life">
      <earliestDate>1577</earliestDate>
      <latestDate>1640</latestDate>
    </dates>
    <role vocab="AAT" refid="300025136">painter (artist)</role>
  </agent>
  <agent>
    <name type="personal" vocab="ULAN" refid="500115396" dataDate="2006-09-22">Snyders,
    Frans</name>
    <culture>Flemish</culture>
    <dates type="life">
      <earliestDate>1579</earliestDate>
      <latestDate>1657</latestDate>
    </dates>
    <role vocab="AAT" refid="300025136" dataDate="2006-09-22" extent="animals">painter
    (artist)</role>
  </agent>
</agentSet>
```

CULTURAL CONTEXT

Description: The name of the culture, people (ethnonym), or adjectival form of a country name from which a Work, Collection, or Image originates, or the cultural context with which the Work, Collection, or Image has been associated.

Data Values: ULAN Editorial Guidelines Chapter 4.7 Appendix G, *Nationalities and Places*, AAT, LCSH

VRA Core 2.0: W15 Nationality/Culture

VRA Core 3.0: Culture

CDWA: Creation-Culture

Dublin Core: COVERAGE

CCO: Part TWO: Chapter 4: *Stylistic and Chronological Information*

Not Required; Repeatable

VRA Core Element	XML element	<i>XML attribute</i>	Data example (display value in bold)
CULTURAL CONTEXT	culturalContext		English
		<i>vocab</i>	ULAN Nationalities and Places
		<i>refid</i>	901310

XML expression for a work record

```
<culturalContextSet>
  <culturalContext vocab="ULAN Nationalities and Places"
    href="http://www.getty.edu/research/conducting_research/vocabularies/editorial_guidelines.html"
    refid="901310">English</culturalContext>
</culturalContextSet>
```

DATE

Attributes:

type

Subelements:

earliestDate

circa

latestDate

circa

Description: Date or range of dates associated with the creation, design, production, presentation, performance, construction, or alteration, etc. of the work or image. Dates may be expressed as free text or numerical. The boolean *circa* attribute may be added to either subelement to indicate an approximate date. For image records, the date element refers to the view date, if known. See CCO *Chapter 4: Stylistic and Chronological Information* for a more thorough discussion of dates.

Data Values: **earliestDate** and **latestDate** subelements should be formulated according to ISO 8601 standards for data content (<http://www.cl.cam.ac.uk/~mgk25/iso-time.html>), i.e. YYYY, YYYY-MM, or YYYY-MM-DD. Dates before the Common Era (BCE or BC) should be entered with a minus sign (-) in the form -YYYY. May contain up to 12 digits to accommodate ancient dates.

Restricted schema data values for date type attribute: alteration, broadcast, bulk, commission, creation, design, destruction, discovery, exhibition, inclusive, performance, publication, restoration, view, other

Restricted data values for *circa* attribute (restricted and unrestricted schema): true, false

VRA Core 2.0 W8 Date; V4 Visual Document Date

VRA Core 3.0 Date

CDWA: Creation-Date; Creation-Date-Earliest Date; Creation-Date-Latest Date; Creation-Date-Date Qualifier

Dublin Core: DATE, COVERAGE

CCO: PART TWO: Chapter 4: *Stylistic and Chronological Information*

Not Required; Repeatable

Example:

VRA Core Element	XML element	XML attribute	XML subelement	Data example (display value in bold)
DATE	date			created 1520-1525
		<i>type</i>		creation
			earliestDate	1520
			latestDate	1525
		<i>source</i>		Grove Dictionary of Art Online
		<i>href</i>		http://www.groveart.com
		<i>dataDate</i>		2005-06-08

XML expression for a work record

```
<dateSet>
  <display>created 1520-1525</display>
  <date type="creation" source="Grove Dictionary of Art Online" href="http://www.groveart.com"
dataDate="2005-06-08">
    <earliestDate>1520</earliestDate>
    <latestDate>1525</latestDate>
  </date>
</dateSet>
```

DATE (continued)

XML expression for an image record

```
<dateSet>
  <display>1932 (view before restoration)</display>
  <notes>view before restoration</notes>
  <date type="view">
    <earliestDate>1932</earliestDate>
    <latestDate>1932</latestDate>
  </date>
  <date type="creation">
    <earliestDate>1995</earliestDate>
    <latestDate>1995</latestDate>
  </date>
</dateSet>
```

Additional Date examples:

VRA Core Element	XML element	XML attribute	XML subelement	XML attribute	Data example (display values in bold)
DATE	date				12th century
		<i>type</i>			creation
			earliestDate		1100
			latestDate		1199
		<i>source</i>			Grove Dictionary of Art Online
		<i>href</i>			http://www.groveart.com
		<i>dataDate</i>			2005-06-08
	date				destroyed mid-8th century BCE
		<i>type</i>			destruction
			earliestDate		-765
			latestDate		-735
		<i>source</i>			Grove Dictionary of Art Online
		<i>href</i>			http://www.groveart.com
		<i>dataDate</i>			2005-06-08
	date				discovered 1895
		<i>type</i>			discovery
			earliestDate		1895
			latestDate		1895
		<i>source</i>			Richardson, Lawrence, A New Topographical Dictionary of Ancient Rome, Baltimore: Johns Hopkins University Press, 1992
	date				restored 1962-1965
		<i>type</i>			restoration
			earliestDate		1962
			latestDate		1965
		<i>source</i>			Grove Dictionary of Art Online
		<i>href</i>			http://www.groveart.com
		<i>dataDate</i>			2005-06-08
	date				2004-03-04
		<i>type</i>			performance
			earliestDate		2004-03-04
			latestDate		2004-03-04
		<i>source</i>			San Francisco Chronicle, 2004-03-05
	date				created about 25,000 years ago
		<i>type</i>			creation
			earliestDate		-30000
			latestDate	<i>circa</i>	true
					-20000
				<i>circa</i>	true
	date				ca. 1492
		<i>type</i>			creation
			earliestDate		1492
				<i>circa</i>	true
			latestDate		1492
				<i>circa</i>	true
	date				before 1500
		<i>type</i>			creation
			latestDate		1500

DESCRIPTION

Description: A free-text note about the Work, Collection, or Image, including comments, description, or interpretation, that gives additional information not recorded in other categories. For element-specific notes, use the optional **notes** subelement.

Data Values: none recommended

VRA Core 2.0: W19 Notes

VRA Core 3.0: Description

CDWA: Physical Description-Physical Appearance; Physical Description-Remarks; "Remarks" section of other categories

Dublin Core: DESCRIPTION

CCO: Part TWO: Chapter 8: *Description*

Not required; Repeatable

Example:

VRA Core Element	XML element	XML attribute	Data example (display value in bold)
DESCRIPTION	description (work record)		This drawing was originally part of a sketchbook, now lost, documenting the artist's 2nd trip to Egypt in 1867. Some of the figure's costume elements appear in a painted work of a later date
		source	Hardin, Jennifer, "The Lure of Egypt," St. Petersburg: Museum of Fine Arts, 1995
	description (image record)		This image was captured while the drawing was on exhibition at the Berkeley Art Museum
		source	History of Art Visual Resources Collection, UCB

```
<descriptionSet>
  <display>This drawing was originally part of a sketchbook, now lost, documenting the artist's 2nd trip to Egypt in 1867. Some of the figure's costume elements appear in a painted work of a later date.</display>
  <description source=" Hardin, Jennifer, The Lure of Egypt, St. Petersburg: Museum of Fine Arts, 1995">This drawing was originally part of a sketchbook, now lost, documenting the artist's 2nd trip to Egypt in 1867. Some of the figure's costume elements appear in a painted work of a later date</description>
</descriptionSet>
```

XML expression for an image record

```
<descriptionSet>
  <display>This image was captured while the drawing was on exhibition at the Berkeley Art Museum</display>
  <description>This image was captured while the drawing was on exhibition at the Berkeley Art Museum</description>
</descriptionSet>
```

INSCRIPTION

Subelements:

author
position
text

Attributes: *type*

Description: All marks or written words added to the object at the time of production or in its subsequent history, including signatures, dates, dedications, texts, and colophons, as well as marks, such as the stamps of silversmiths, publishers, or printers. The location of this text or symbol may be specified by the position subelement. If a translation of the text into the language of the catalog record is also provided, include in a repeated element with the text type of *translation*.

Data Values: derived from the object or image by direct observation or from secondary sources that describe them.

Restricted schema data values for inscription text *type* attribute: *signature, mark, caption, date, text, translation, other*

VRA Core 2.0 No equivalent.

VRA Core 3.0 No equivalent

CDWA: Inscriptions/Marks

Dublin Core:

CCO: Part TWO: Chapter 3: *Physical Characteristics: Brief Rules for Inscriptions (3.2.4.1)*

Repeatable; Not required

Examples:

VRA Core Element	XML element	XML subelement	<i>XML attribute</i>	Data example (display value in bold)
INSCRIPTION	inscription			Incised on the foot, ANDOKIDES EPOESEN (Andokides made this)
		author		Andokides Painter
			<i>vocab</i>	ULAN
			<i>refid</i>	500030596
		position		On the foot, incised
		text		ANDOKIDES EPOESEN
			<i>type</i>	text
			<i>xml:lang</i>	gr
		text		Andokides made this
			<i>type</i>	translation
			<i>xml:lang</i>	en

```
<inscriptionSet>
  <display>Incised on the foot, ANDOKIDES EPOESEN (Andokides made this)</display>
  <inscription>
    <author vocab="ULAN" refid="500030596 ">Andokides Painter</author>
    <position>On the foot, incised</position>
    <text type="text" xml:lang="gr" >ANDOKIDES EPOESEN</text>
    <text type="translation" xml:lang="en">Andokides made this</text>
  </inscription>
</inscriptionSet>
```

INSCRIPTION (continued)

VRA Core Element	XML element	XML subelement	XML attribute	Data example (display value in bold)
INSCRIPTION	inscription			Inscribed, on side of table at left "El Sueño de la Razon Produce Monstruos" (The Sleep of Reason Produces Monsters)
		author		Goya, Francisco de
			vocab	ULAN
			refid	500118936
		position		on side of table at left
		text		El Sueño de la Razon Produce Monstruos
			type	text
			xml:lang	es
		text		The Sleep of Reason Produces Monsters
			type	translation
			xml:lang	en

```

<inscriptionSet>
  <display> Inscribed, on side of table at left, "El Sueño de la Razon Produce Monstruos" (The Sleep of Reason Produces Monsters)</display>
  <inscription>
    <author vocab="ULAN" refid="500118936">Goya, Francisco de</author>
    <position>on side of table at left</position>
    <text type="text" xml:lang="es">El Sueño de la Razon Produce Monstruos</text>
    <text type="translation" xml:lang="en">The Sleep of Reason Produces Monsters</text>
  </inscription>
</inscriptionSet>

```

INSCRIPTION (continued)

Additional examples:

VRA Core Element	XML element	XML subelement	XML attribute	Data example (display values in bold)
INSCRIPTION	inscription			Signed, lower right, "Henri Matisse 08"
		author		Matisse, Henri
			<i>vocab</i>	ULAN
			<i>refid</i>	500017300
		position		lower right
		text		Henri Matisse 08
			<i>type</i>	signature
	inscription			Monogram "HB" at lower center of the page, on rock
		position		lower center of the page, on rock
		text		HB
			<i>type</i>	mark
	inscription			Inscribed, lower right corner, "Philip Lord Wharton/ 1632 about ye age/ of 19"
		position		lower right corner
		text		Philip Lord Wharton/ 1632 about ye age/ of 19
			<i>type</i>	text

LOCATION

Attributes:

type

Subelements:

name

Attributes: type

refid

Attributes: type

Description: The geographic location and/or name of the repository, building, site, or other entity whose boundaries include the Work or Image. Inclusion of a *type* attribute distinguishes between different kinds of locations, e.g. repository locations, creation locations, discovery locations, etc. The optional *extent* attribute may also be used here to further specify or disambiguate geographic term types. Note that repository id numbers (museum or private collection accession or inventory numbers) formerly contained in the Core 3 ID Number element, are here mapped to the Location **refid** subelement. Inclusion of these alphanumeric strings that pinpoint a particular work within a particular location serves to disambiguate identically titled works by the same artist held by the same repository (e.g. Raphael, "Madonna and Child.") Repeatable subelements allow for the inclusion of multiple museum inventory numbers if an object id number has changed over time. For id numbers that are independent of repository, such as *catalog raisonné* numbers, use the **TEXTREF** element.

Data Values (controlled): TGN, BHA index, LCSH, *Grove Dictionary of Art* Location Appendix. Use of a separate Locations Authority, with data values populated from controlled vocabulary sources, is recommended. See CCO A2: *Geographic Place Authority* for further discussion about the role of a Geographic Place Authority

Restricted schema data values for location *type* attribute: creation, discovery, exhibition, formerOwner, formerRepository, formerSite, installation, intended (for unrealized projects), other, owner, performance, publication, repository, site (use for current locations for architecture and archaeology)

Restricted schema data values for location name *type* attribute: corporate, geographic, other, personal

Restricted schema data values for location refid *type* attribute: accession, barcode, shelfList, other

VRA Core 2.0 W9 Repository Name; W10 Repository Place; V5 Visual Document Owner

VRA Core 3.0 Location, ID Number

CDWA: Current Location-Repository Name/Geographic Location; Current Location-Repository Numbers; Context-Architectural-Building/Site, Context-Architectural-Building/Site-Placement, Context-Archaeological-Discovery/Excavation Place; Related Visual Documentation-Image Repository; Related Visual Documentation-Image Repository Numbers

Dublin Core: CONTRIBUTOR, COVERAGE

CCO: Part TWO: Chapter 5: *Location and Geography*

Not Required; Repeatable

LOCATION (continued)

Example:

VRA Core Element	XML element	XML attribute	XML subelement	XML attribute	Data example (display value in bold)
LOCATION	location				Musée du Louvre (Paris, FR) Inv. MR 299
		<i>type</i>			repository
			name		Musée du Louvre
				<i>type</i>	corporate
				<i>xml:lang</i>	fr
			refid		Inv. MR 299
				<i>type</i>	accession
			name		Paris
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7008038
				<i>extent</i>	inhabited place
			name		France
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	1000070
				<i>extent</i>	nation
	location				discovered Milos (GR)
		<i>type</i>			discovery
			name		Milos, Nisos
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7010922
			name		Greece
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	1000074

```

<locationSet>
  <display> Musée du Louvre (Paris, FR) Inv. MR 299; discovered Milos (GR)</display>
  <location type="repository">
    <name type="corporate" xml:lang="fr">Musée du Louvre</name>
    <refid type="accession">Inv. MR 299</refid>
    <name type="geographic" vocab="TGN" refid="7008038" extent="inhabited place">Paris</name>
    <name type="geographic" vocab="TGN" refid="1000070" extent="nation">France</name>
  </location>
  <location type="discovery">
    <name type="geographic" vocab="TGN" refid="7010922">Milos, Nisos</name>
    <name type="geographic" vocab="TGN" refid="1000074">Greece</name>
  </location>
</locationSet>

```

XML expression for an image record

```

<locationSet>
  <display>History of Art Visual Resources Collection, UCB 555145</display>
  <location type="repository">
    <name type="corporate">History of Art Visual Resources Collection, University of California at Berkeley</name>
    <refid type="accession">555145</refid>
    <name type="geographic" vocab="TGN" refid="7013386" extent="inhabited place">Berkeley</name>
    <name type="geographic" vocab="TGN" refid="7007147" extent="state">California</name>
  </location>
</locationSet>
04/05/2007

```

LOCATION (continued)

Additional Examples:

VRA Core Element	XML element	XML attribute	XML subelement	XML attribute	Data example (display values in bold)
LOCATION	location				1600 Pennsylvania Avenue, (Washington, DC)
		<i>type</i>			site
			name		1600 Pennsylvania Avenue
				<i>type</i>	geographic
			name		Washington
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7013962
			name		District of Columbia
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7015717
	location				Nimrud (IQ)
		<i>type</i>			creation
			name		Nimrud
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7002593
			name		Iraq
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	1000118
	location				History of Art Visual Resources Collection, UCB 512345
		<i>type</i>			repository
			name		History of Art Visual Resources Collection, UCB
				<i>type</i>	corporate
			refid		512345
				<i>type</i>	accession
			name		Berkeley
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7013386
				<i>extent</i>	inhabited place
	location				formerly Victoria Contag Collection
		<i>type</i>			formerOwner
			name		Victoria Contag
				<i>type</i>	personal

LOCATION (continued)

	location				Living Theater (New York, NY)
		<i>type</i>			performance
			name		Living Theater
				<i>type</i>	corporate
			name		New York City
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7007567
				<i>extent</i>	inhabited place
			name		New York
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7007568
				<i>extent</i>	state
	location				Gansu (CN)
		<i>type</i>			creation
			name		Gansu
				<i>type</i>	geographic
				<i>extent</i>	province
				<i>vocab</i>	TGN
				<i>refid</i>	1001261
			name		China
				<i>type</i>	geographic
				<i>extent</i>	nation
				<i>vocab</i>	TGN
				<i>refid</i>	1000111

MATERIAL

Attributes:

type

Description: .The substance of which a work or an image is composed.

Data Value: Recommend AAT

VRA Core 2.0: W4 Material

VRA Core 3.0: Material

CDWA: Materials and Techniques-Material Name; Materials and Techniques-Material Role

Dublin Core: FORMAT

Restricted schema data values for the material *type* attribute: medium, support, other

CCO: Part TWO: Chapter 3: *Physical Characteristics*

Not required; Repeatable

Examples:

VRA Core Element	XML element	XML attribute	Data example (display value in bold)
MATERIAL			oil paint on canvas
	material		oil paint
		<i>type</i>	medium
		<i>vocab</i>	AAT
		<i>refid</i>	300015050
	material		canvas
		<i>type</i>	support
		<i>vocab</i>	AAT
		<i>refid</i>	300014078

```
<materialSet>
```

```
<display>oil paint on canvas</display>
```

```
<material type="medium" vocab="AAT" refid="300015050">oil paint</material>
```

```
<material type="support" vocab="AAT" refid="300014078">canvas</material>
```

```
</materialSet>
```

Additional examples:

VRA Core Element	XML element	XML attribute	Data example (display values in bold)
MATERIAL			bronze, on a marble base
	material		bronze
		<i>type</i>	<i>medium</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300010957
	material		marble
		<i>type</i>	<i>medium</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300011443
		<i>extent</i>	base
MATERIAL			graphite on paper
	material		graphite
		<i>type</i>	<i>medium</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300011098
	material		paper (fiber product)
		<i>type</i>	<i>support</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300014109

MEASUREMENTS

Attributes:

type

unit

Description: The physical size, shape, scale, dimensions, or format of the Work or Image. Dimensions may include such measurements as volume, weight, area or running time. If the measurements do not describe the entire work or image, use the extent attribute to specify the part of the work being measured. The unit used in the measurement must be specified.

Data Values: formulated according to standards for data content (e.g., AACR2, etc.)

Restricted schema data values for measurements:

type: area, base, bit-depth (for born-digital work), circumference, count, depth, diameter, distanceBetween, duration, fileSize (for born-digital work), height, length, resolution (for born-digital work), runningTime, scale (for maps), size, target (for use with scale), weight, width, other.

unit: Refer to ISO standard for units and measures:

<http://ts.nist.gov/WeightsAndMeasures/Publications/appxc.cfm>. Values should follow standard 2-letter abbreviations without punctuation (Example: cm)

VRA Core 2.0: W3 Measurements; V2 Visual Document Format; V3 Visual Document Measurements

VRA Core 3.0: Measurements

CDWA: Measurements-Dimensions Description; Measurements-Dimensions Type; Measurements-Dimensions Value; Measurements-Dimensions Unit; Measurements-Dimensions Extent; Related Visual Documentation-Image Measurements

Dublin Core: FORMAT

CCO: Part TWO: Chapter 3: *Physical Characteristics: Rules for Measurements (3.2.1)*

Not required; Repeatable

Examples:

VRA Core Element	XML element	XML attribute	Data example (display value in bold)
MEASUREMENTS			Base 3 cm (H) x 36 cm (W) x 24 cm (D)
	measurements		3
		<i>type</i>	height
		<i>unit</i>	cm
		<i>extent</i>	base
	measurements		36
		<i>type</i>	width
		<i>unit</i>	cm
		<i>extent</i>	base
	measurements		24
		<i>type</i>	depth
		<i>unit</i>	cm
		<i>extent</i>	base

<measurementsSet>

<display>**Base 3 cm (H) x 36 cm (W) x 24 cm (D)**</display>

<measurements type="height" unit="cm" extent="base">3</measurements>

<measurements type="width" unit="cm" extent="base">36</measurements>

<measurements type="depth" unit="cm" extent="base">24</measurements>

</measurementsSet>

MEASUREMENTS (continued)

Additional examples:

VRA Core Element	XML element	XML attribute	Data example (display values in bold)
MEASUREMENTS	measurements		72
		<i>type</i>	resolution
		<i>unit</i>	ppi
	measurements		650
		<i>type</i>	width
		<i>unit</i>	px
	measurements		123
		<i>type</i>	duration
		<i>unit</i>	min

RELATION

Attributes:

type
relids

Description: Terms or phrases describing the identity of the related work and the relationship between the work being cataloged and the related work or image. Use this element to relate work records to other work or collection records, or image records to work or collection records. If full relational reciprocity is not explicitly recorded in a local database (e.g. only the part to whole relationship is recorded, and not whole to part), it is recommended that the data exporter add the reciprocal value, based on a controlled set of terms (see table below.)

Restricted schema data values for relation *type* attribute: see list of recommended relationship types in table below.

VRA Core 2.0: W17 Related Work; W18 Relationship Type

VRA Core 3.0: Relation

CDWA: Related Works-Related Object/Work Label/Identification; Related Works-Relationship Type

Dublin Core: RELATION

CCO: Part ONE: *General Guidelines: Related Works (VI)*

Not Required; Repeatable

Note: In this element, the global *refid* attribute may be added to include local, system specific data such as a work or image id. The *relids* attribute links the XML record to the related work or collection XML record(s) *id* attribute. The global *href* attribute is an actionable reference that represents the URI of a hypertext rendering of the metadata or image.

Examples:

RELATION (continued)

VRA Core Element	XML element	XML attribute	Data example (display values in bold)
RELATION	relation (in the metadata record for the Telephos Frieze)		From the Altar of Zeus
		<i>type</i>	partOf
		<i>relids</i>	w_000987653 (<i>id</i> for Altar of Zeus)
		<i>href</i>	http://~seurat.berkeley.edu/worksmetadata/AltarofZeus.html
	relation	<i>type</i>	images
		<i>relids</i>	i_859348576 (<i>id</i> for image of Telephos frieze)
		<i>href</i>	http://~seurat.berkeley.edu/images/554678.jpg
	relation (in the metadata record for the Altar of Zeus)		see also: Telephos Frieze
		<i>type</i>	largerContextFor
		<i>relids</i>	w_000987654 (<i>id</i> for Telephos Frieze)
		<i>href</i>	http://~seurat.berkeley.edu/worksmetadata/TelephosFrieze.html
	relation (in the metadata record for an image of the Telephos Frieze)		From the Telephos frieze, Altar of Zeus, Pergamon
		<i>type</i>	imageOf
		<i>relids</i>	w_000987654 (<i>id</i> for Telephos Frieze)
		<i>href</i>	http://~seurat.berkeley.edu/images/554678.jpg

RELATION (continued)

XML expression in the work record for the Telephos Frieze

```
<work>
...
<title type="popular" pref="true">Telephos Frieze</title>
...
<relationSet>
  <display>From the Altar of Zeus, Pergamon</display>
  <relation type="partOf" relids="w_000987653"
href="http://~seurat.berkeley.edu/worksmetadata/13255.html">Altar of Zeus</relation>
  <relation type="imageIs" relids="i_859348576"
href="http://~seurat.berkeley.edu/images/554678.jpg"></relation>
</relationSet>
...
</work>
```

XML expression in the work record for the Altar of Zeus

```
<work>
...
<title type="popular" pref="true">Altar of Zeus</title>
...
<relationSet>
  <display>see also:Telephos Frieze</display>
  <relation type="largerContextFor" relids="w_000987654"
href="http://~seurat.berkeley.edu/worksmetadata/13256.html">Telephos Frieze</relation>
</relationSet>
...
</work>
```

XML expression for an image record of the Telephos Frieze (accession # 554678)

```
<image>...
  <title pref="true" type="partialView">Detail of Auge</title>
  ...
  <relationSet>
    <display>From the Telephos frieze, Altar of Zeus, Pergamon</display>
    <relation type="imageOf" relids="w_000987654"
href="http://~seurat.berkeley.edu/images/554678.jpg">Telephos Frieze</relation>
  </relationSet>
  ...
</image>
```

RELATION (continued)

Restricted schema reciprocal relation types:

Relationship Type	Reciprocal Relationship Type
<general - default>	
relatedTo	relatedTo
<hierarchical - group/collection/series to parts>	
partOf	largerContextFor
formerlyPartOf	formerlyLargerContextFor
<a work and its components>	
componentOf	componentIs
partnerInSetWith	partnerInSetWith
<works that are related as steps in the creation process>	
preparatoryFor	basedOn
studyFor	studyls
cartoonFor	cartoonIs
modelFor	modellIs
planFor	planIs
counterProofFor	counterProofIs
printingPlateFor	printingPlateIs
reliefFor	impressionIs
prototypeFor	prototypels
<works designed to be displayed together>	
designedFor	contextIs
mateOf	mateOf
partnerInSetWith	partnerInSetWith
pendantOf	pendantOf
exhibitedAt	venueFor
<works copied after or depicting other works>	
copyAfter	copyIs
depicts	depictedIn
derivedFrom	sourceFor
facsimileOf	facsimileIs
replicaOf	replicaIs
versionOf	versionIs
<work to image relationships>	
imageOf	imageIs

RIGHTS

Attributes: type

Subelement

rightsHolder
text

Description: Information about the copyright status and the rights holder for a work, collection, or image. The optional notes sub-element may include any justifications, conditions, or restraints on use, contact or licensing information, or other intellectual property statements as may be desired. The global *href* attribute may be used to hold a hypertext link to a website containing more rights and/or contact information.

Data Values: MLA rules for bibliographic citation for print sources.

Restricted schema data values for the rights type attribute: *copyrighted, publicDomain, undetermined, other*

VRA Core 2.0: None

VRA Core 3.0: Rights

CDWA: Copyright/Restrictions-Statement; Copyright/Restrictions-Holder Name; Related Visual Documentation-Image Copyright/Restrictions; Related Visual Documentation-Image Copyright Holder

Dublin Core: RIGHTS

CCO: Not included

Not Required; Repeatable

Example:

VRA Core Element	XML element	XML subelement	<i>XML attribute</i>	Data example (display value in bold)
RIGHTS	rights			© Faith Ringgold. All rights reserved.
			<i>type</i>	copyrighted
		notes		Contact information: PO Box 429, Englewood, NJ 07631 858-576-039
		rightsHolder		Faith Ringgold
		text		© Faith Ringgold. All rights reserved.

XML expression for a work record

```
<rightsSet>
  <display>© Faith Ringgold. All rights reserved.</display>
  <notes>Contact information: PO Box 429, Englewood, NJ 07631 858-576-0397</notes>
  <rights type="copyrighted">
    <rightsHolder>Faith Ringgold</rightsHolder>
    <text>© Faith Ringgold. All Rights reserved.</text>
  </rights>
</rightsSet>
```

XML expression for an image record

```
<rightsSet>
  <display>© Ron Wiedenhoeft. Licensed for educational use via Scholars Resource: Saskia</display>
  <notes>Licensed for educational use via Scholars Resource: Saskia</notes>
  <rights type="copyrighted" href="http://www.saskia.com">
    <rightsHolder>Ron Wiedenhoeft</rightsHolder>
    <text>© Ron Wiedenhoeft. Licensed for educational use via Scholars Resource: Saskia</text>
  </rights>
</rightsSet>
```

SOURCE

Subelements

name

Attributes: type

refid

Attributes: type

Description: A reference to the source of the information recorded about the work or the image. For a work record, this may be a citation to the sole source of the information recorded in a catalog record. For an image, it may be used to provide information about the supplying agency, vendor or individual. In the case of copy photography, it can be used to record a bibliographic citation or other description of the image source. In all cases, names and source identification numbers may be included. If all information recorded about a work, image, or collection comes from a single source, it should be recorded here. However, each individual element of the Core may include a *source* attribute to reflect an information source pertaining specifically to that element within a work, image, or collection.

Data Values: MLA rules for bibliographic citation

Restricted schema data values for the source type attributes:

for subelement **name**: *book, donor, electronic, serial, vendor, other*

for subelement **refid**: *citation, ISBN, ISSN, openURL, URI, vendor, other*

VRA Core 2.0: V9 Source

VRA Core 3.0: Source

CDWA: Related Visual Documentation-Image Source

Dublin Core: SOURCE

CCO: Included in the discussion of each individual element

Not required; Repeatable

Example:

VRA Core Element	XML element	XML subelement	<i>XML attribute</i>	Data example (display value in bold)
SOURCE	source			Gascoigne, Bamber, The Great Moghuls, New York: Harper & Row, 1971
		name		Gascoigne, Bamber, The Great Moghuls, New York: Harper & Row, 1971
			<i>type</i>	book
		refid		060114673
			<i>type</i>	ISBN

```
<sourceSet>
  <display>Gascoigne, Bamber, The Great Moghuls, New York: Harper & Row, 1971</display>
  <source>
    <name type="book">Gascoigne, Bamber, The Great Moghuls, New York: Harper & Row,
1971</name>
    <refid type="ISBN">060114673</refid>
  </source>
</sourceSet>
```

XML expression for an image record

```
<sourceSet>
  <display>Saskia Nfd-0150</display>
  <source>
    <name type="vendor">Saskia</name>
    <refid type="vendor">Nfd-0150</refid>
  </source>
</sourceSet>
```

STATE EDITION

Attributes:

<i>type</i>	<i>(state, edition, or impression)</i>
<i>num</i>	<i>(state number or edition number)</i>
<i>count</i>	<i>(number of known states , known editions, or number of impressions in an edition)</i>

Subelements

name	<i>(name of state or edition)</i>
description	<i>(descriptive note)</i>

Description: The identifying number and/or name assigned to the state or edition of a work that exists in more than one form and the placement of that work in the context of prior or later issuances of multiples of the same work. For published volumes, such as books, portfolios, series, or sets, the edition is usually expressed as a number in relation to other editions printed. In other cases, a scholar may have identified a series of editions, which have then been numbered sequentially. An state or edition may also be identified by a name or phrase. If the data is derived from a secondary source, such as a catalog raisonn  , it should be included in a source attribute.

Data Values: derived from the object or image by direct observation or from secondary sources that describe them.

Restricted schema data values for the stateEdition type attribute: state, edition, impression, other

VRA Core 2.0 No equivalent.

VRA Core 3.0 No equivalent

CDWA: State; Edition

Dublin Core:

CCO: Part TWO: Chapter 3: *Physical Characteristics: Rules for State and Edition (3.2.3)*

Repeatable; Not required

Single print example:

VRA Core Element	XML element	XML subelement	XML attribute	Data example (display value in bold)
STATE EDITION	stateEdition			1st state of 5. Both figures in outline only, except Adam's right leg.
			<i>type</i>	state
			<i>num</i>	1
			<i>count</i>	5
			<i>source</i>	Hollstein, F.W.H., German Engravings Etchings and Woodcuts ca. 1400-1700, Vol. VII, p. 5
		name		1 st state
		description		Both figures in outline only, except Adam's right leg

XML expression for a work record for the 1st state of a single print

```
<stateEditionSet>
  <display>1st state of 5. Both figures in outline only, except Adam's right leg</display>
  <stateEdition type="state" num="1" count="5" source=" Hollstein, F.W.H., German Engravings
Etchings and Woodcuts ca. 1400-1700, Vol. VII, p. 5">
    <name>1st state</name>
    <description> Both figures in outline only, except Adam's right leg</description>
  </stateEdition>
</stateEditionSet>
```

STATE EDITION (continued)

Print from a specific edition example:

VRA Core Element	XML element	XML subelement	XML Attribute	Data Example (display value in bold)
STATE EDITION				Edition of 1511. Title page (1/20) with Latin text by Chelidonius.
	stateEdition			Edition of 1511
			<i>type</i>	edition
			<i>source</i>	Hollstein, F.W.H., German Engravings Etchings and Woodcuts ca. 1400-1700, Vol. VII, p. 152
		name		Edition of 1511
		description		with Latin text by Chelidonius
	stateEdition			
			<i>type</i>	impression
			<i>num</i>	1
			<i>count</i>	20
			<i>source</i>	Hollstein, F.W.H., German Engravings Etchings and Woodcuts ca. 1400-1700, Vol. VII, p. 152
		name		Title page (1/20)

XML expression for a work record for the title page from an edition of prints

```
<stateEditionset>
  <display>Edition of 1511. Title page (1/20) with Latin text by Chelidonius</display>
  <stateEdition type="edition" source="Hollstein, F.W.H., German Engravings Etchings and
Woodcuts ca. 1400-1700, Vol. VII, p. 152">
    <name>Edition of 1511</name>
    <description> With title and Latin text by Chelidonius</description>
  </stateEdition>
  <stateEdition type="impression" num="1" count="20" source=" Hollstein, F.W.H., German
Engravings Etchings and Woodcuts ca. 1400-1700, Vol. VII, p. 152">
    <name>Title page</name>
  </stateEdition>
</stateEditionSet>
```

STYLE PERIOD

Description: A defined style, historical period, group, school, dynasty, movement, etc. whose characteristics are represented in the Work or Image. Cultural and regional terms may be combined with style and period terms for display purposes.

Data Values (controlled): recommend AAT

VRA Core 2.0: W14 Style/Period/Group/Movement

VRA Core 3.0: Style/Period

CDWA: Styles/Periods/Groups/Movements-Indexing Terms

Dublin Core: COVERAGE, SUBJECT

CCO: Part TWO: Chapter 4: *Stylistic & Chronological Information*

Not Required; Repeatable

Example with index terms concatenated for display:

VRA Core Element	XML element	<i>XML attribute</i>	Data example (display value in bold)
STYLE PERIOD			Italian Baroque
	stylePeriod		Baroque
		<i>vocab</i>	AAT
		<i>refid</i>	300021147
	stylePeriod		Italian
		<i>vocab</i>	AAT
		<i>refid</i>	300111198

```
<stylePeriodSet>
  <display>Italian Baroque</display>
    <stylePeriod vocab="AAT" refid="300111198">Italian</stylePeriod>
    <stylePeriod vocab="AAT" refid="300021147">Baroque</stylePeriod>
</stylePeriodSet>
```

Single term examples:

VRA Core Element	XML element	<i>XML attribute</i>	Data example
STYLE PERIOD	stylePeriod		Tang
		<i>vocab</i>	AAT
		<i>refid</i>	300018420
	stylePeriod		Impressionist
		<i>vocab</i>	AAT
		<i>refid</i>	300021503
	stylePeriod		Greco-Roman
		<i>vocab</i>	AAT
		<i>refid</i>	300020103

SUBJECT

Subelements

term

Attributes: type

Description: Terms or phrases that describe, identify, or interpret the Work or Image and what it depicts or expresses. These may include generic terms that describe the work and the elements that it comprises, terms that identify particular people, geographic places, narrative and iconographic themes, or terms that refer to broader concepts or interpretations. Use of a Subject Authority, from which these data values may be derived, is recommended. See CCO: Part THREE: *Subject Authority (A.4)* for a more thorough discussion. The global *source* attribute may be used to isolate local collection or user-supplied terminology that is not controlled by any authority.

Data Values: recommend AAT, TGN, LCTGM, ICONCLASS, LCSH, LCNAF, Sears Subject Headings

Restricted schema data values for the subject term type attribute:

for names: *corporateName, familyName, otherName, personalName, scientificName*

for locations: *builtworkPlace, geographicPlace, otherPlace*

for descriptive, narrative, or thematic content: *conceptTopic, descriptiveTopic, iconographicTopic, otherTopic*

VRA Core 2.0 W16 Subject; V8 Visual Document Subject

VRA Core 3.0 Subject

CDWA: Subject Matter-Indexing Terms; Related Visual Documentation-Image View-View Subject Indexing Terms

Dublin Core: SUBJECT

CCO: Part TWO: Chapter 6: *Subject*

Not Required; Repeatable

Note: While not required, it is highly recommended that subject terms be included, even for non-objective art.

Example:

VRA Core Element	XML element	XML subelement	XML attribute	Data example (concatenated display value in bold)
SUBJECT	subject			Chicago; Chaplin, Charlie,1889-1977; actors
		term		actors
			<i>type</i>	descriptiveTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300025658
		term		Chaplin, Charlie, 1889-1977
			<i>type</i>	personalName
			<i>vocab</i>	LCNAF
			<i>refid</i>	n79126907
		term		Chicago
			<i>type</i>	geographicPlace
			<i>vocab</i>	TGN
			<i>refid</i>	7013596

```
<subjectSet>
  <display>Chicago; Chaplin, Charlie,1889-1977; actors</display>
  <subject>
    <term type="geographicPlace" vocab="TGN" refid="7013596">Chicago</term>
    <term type="personalName" vocab="LCNAF" refid="n79126907">Chaplin, Charlie,1889-
1977</term>
    <term type="descriptiveTopic" vocab="AAT" refid="300025658">actors</term>
  </subject>
</subjectSet>
```

SUBJECT (continued)

Additional examples:

VRA Core Element	XML element	XML subelement	XML attribute	Data example
SUBJECT	subject			
		term		Achilles is killed by Paris in the temple of Apollo
			<i>type</i>	icongraphicTopic
			<i>vocab</i>	ICONCLASS
			<i>refid</i>	94G531
	subject			
		term		iconoclasm
			<i>type</i>	conceptTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300055792
	subject			
		term		expulsion of Adam and Eve from paradise (Genesis 3:22-24)
			<i>type</i>	icongraphicTopic
			<i>vocab</i>	ICONCLASS
			<i>refid</i>	71A6
	subject			
		term		wars
			<i>type</i>	conceptTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300055314
	subject			
		term		hobbyhorses
			<i>type</i>	descriptiveTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300211107
	subject			
		term		fat pony
			<i>type</i>	otherTopic
			<i>source</i>	folksonomy
	subject			
		term		ritual and religion
			<i>type</i>	otherTopic
			<i>source</i>	local

TECHNIQUE

Description: The production or manufacturing processes, techniques, and methods incorporated in the fabrication or alteration of the work or image.

Data Values (controlled): AAT

VRA Core 2.0: W5 Technique

VRA Core 3.0: Technique

CDWA: Materials and Techniques-Technique Name

Dublin Core: FORMAT

CCO: Part TWO: Chapter 3: *Physical Characteristics*

Not Required; Repeatable

Example:

VRA Core Element	XML element	<i>XML attribute</i>	Data example (display value in bold)
TECHNIQUE			drawing over frottage
	technique		frottage
		<i>vocab</i>	AAT
		<i>refid</i>	300053430
	technique		drawing (image making)
		<i>vocab</i>	AAT
		<i>refid</i>	300054196

```
<techniqueSet>
  <display>drawing over frottage</display>
    <technique vocab="AAT">frottage</technique>
    <technique vocab="AAT">drawing (image making)</technique>
</techniqueSet>
```

XML expression for an image record

```
<techniqueSet>
  <display>aerial photography</display>
    < technique vocab="AAT" refid=" 300053443 ">aerial photography</ technique >
</techniqueSet>
```


TEXTREF

Subelements

name

Attributes: type

refid

Attributes: type

Description: Contains the name of a related textual reference and any type of unique identifier that text assigns to a Work or Collection that is independent of any repository. **Refid** examples include exhibition and *catalog raisonné* numbers, or identification numbers assigned to works of art in the scholarly literature that are commonly included in scholarly discussion to further identify a work, such as Bartsch or Beazley numbers. The global *source* attribute may be used to cite a scholarly source from which the number was derived, if the unique identifier was not recorded from the primary source cited in the name subelement. The global *href* attribute may be used to contain an actionable hypertext reference to an online source for the cited text or reference identifier.

Restricted schema data values for the textref name type attribute: book, catalog, corpus, electronic, serial, other

Restricted schema data values for the textref refid type attribute: citation, openURL, ISBN, ISSN, URI, openURL, vendor, other

VRA Core 2.0 no equivalent

VRA Core 3.0 no equivalent

CDWA: Related Textual References-Work Cited or Illustrated; Related Textual References-Object/Work Number

Dublin Core: IDENTIFIER

CCO: No direct equivalent. Covered in the discussion of each element.

Not required; Repeatable

Example:

VRA Core Element	XML element	XML subelement	XML attribute	Data example (display value in bold)
TEXTREF	textref			ARV2 5 (6)
		name		Beazley, J.D., Attic Red-figure Vase Painters (2nd Edition), New York: Hacker Art Books, 1984
			<i>type</i>	corpus
		refid		p. 5, no. 6
			<i>type</i>	citation
	textref			
		name		The Beazley Archive
			<i>type</i>	electronic
		refid		Vase number 200020
			<i>type</i>	other
			<i>href</i>	http://www.beazley.ox.ac.uk
			<i>dataDate</i>	2005-06-08

```
<textrefSet>
  <display>ARV2 5 (6)</display>
  <textref>
    <name type="corpus">Beazley, J.D., Attic Red-figure Vase Painters (2nd edition), New York:
Hacker Art Books, 1984</name>
    <refid type="citation" >p. 5, no. 6</refid>
  </textref>
  <textref type="electronic">
    <name>The Beazley Archive</name>
    <refid type="other" href="http://www.beazley.ox.ac.uk" dataDate="2005-06-08">Vase number
200020</refid>
  </textref>
</textrefSet>
```

TEXTREF (continued)

Additional examples:

VRA Core Element	XML element	XML subelement	XML attribute	Data example (display values in bold)
TEXTREF	textref			B.127
		name		Bartsch, Adam von, Le Peintre-graveur, Leipzig: J.A. Barth, 1854-76
			<i>type</i>	corpus
		refid		127
			<i>type</i>	citation
	textref			Hollstein 238
		name		Hollstein, F.W.H., German Engravings, Etchings, and Woodcuts, ca. 1400-1700, Amsterdam: M. Hertzberger, 1954-
			<i>type</i>	corpus
		refid		238
			<i>type</i>	citation
			<i>source</i>	Bartrum, Giulia, Albrecht Dürer and his Legacy, London: British Museum Press, 2002
	textref			Mannings 1965
		name		Mannings, David, Sir Joshua Reynolds: a Complete Catalog of his Paintings, New Haven: Yale University Press, 2000
			<i>type</i>	catalog
		refid		1965
			<i>type</i>	citation

TITLE

Attributes:

type

Definition: The title or identifying phrase given to a Work or an Image. For complex works or series the title may refer to a discrete component or unit within the larger entity (a print from a series, a panel from a fresco cycle, a building within a temple complex) or may identify only the larger entity itself. Record multiple titles in repeating instances of the title element. Indicate the preferred title with *pref*="true" and alternate titles with *pref*="false". For an Image record this category describes the specific view of the depicted Work or Collection, and corresponds to the CCO View Description.

Data Values: formulated according to data content rules for titles of works of art.

Restricted schema values for WORK title *type*: brandName, cited, creator, descriptive, former, inscribed, owner, popular, repository, translated, other

Restricted schema values for IMAGE title *type*: generalView, or partialView.

VRA Core 2.0: W2 Title; V7 Visual Document View Description

VRA Core 3.0: Title

CDWA: Titles or Names-Text; Related Visual Documentation-Image View; Related Visual Documentation-Image View Type

Dublin Core: TITLE

CCO: Part TWO: Chapter 1: *Object Naming*

Not required; Repeatable

Example:

VRA Core Element	XML element	XML attribute	Data example (display value in bold)
TITLE	title		Arnolfini Marriage
		<i>type</i>	cited
		<i>pref</i>	true
		<i>source</i>	Grove Dictionary of Art Online
	title		Portrait of Giovanni (?) Arnolfini and his Wife ("The Arnolfini Portrait")
		<i>type</i>	repository
		<i>pref</i>	false
		<i>source</i>	National Gallery of Art (London, GB)

XML expression for a work record

```
<titleSet>
  <display>Arnolfini Marriage</display>
  <title type="cited" pref="true" source="Grove Dictionary of Art Online">Arnolfini Marriage</title>
  <title type="repository" pref="false" source="National Gallery of Art (London, GB)">Portrait of
Giovanni (?) Arnolfini and his Wife ("The Arnolfini Portrait")</title>
</titleSet>
```

XML expression for an image record

```
<titleSet>
  <display>Detail of mirror on back wall</display>
  <title type="partialView">Detail of mirror on back wall</title>
</titleSet>
```

TITLE (continued)

Additional examples:

VRA Core Element	XML element	<i>XML attribute</i>	Data example (display value in bold)
TITLE	title		Arch of Constantine
		<i>type</i>	cited
		<i>pref</i>	true
		<i>source</i>	Grove Dictionary of Art Online
		<i>xml:lang</i>	en
	title		Arcus Constantini
		<i>type</i>	cited
		<i>pref</i>	false
		<i>source</i>	Richardson, Lawrence, A New Topographical Dictionary of Ancient Rome, Baltimore: Johns Hopkins University Press, 1992
		<i>xml:lang</i>	la
	title		South facade
		<i>type</i>	generalView
	title		Fol. 1: January (From the Très Riches Heures de Jean, Duc de Berry)
		<i>type</i>	cited
		<i>pref</i>	true
		<i>source</i>	Grove Dictionary of Art online
	title		Close view of Jean, Duc de Berry
		<i>type</i>	partialView
	title		Mark Twain Papers & Project
		<i>type</i>	descriptive
		<i>pref</i>	true
		<i>source</i>	The Bancroft Library, University of California at Berkeley
		<i>href</i>	http://bancroft.berkeley.edu/MTP/
		<i>dataDate</i>	2005-02-09

WORK TYPE

Definition: Identifies the specific type of WORK, COLLECTION, or IMAGE being described in the record.

Data Values for WORK AND COLLECTION type (controlled vocabulary): recommend AAT.

Recommended data values for IMAGE WORK type (AAT terms):

black-and-white transparency, color transparency (for slides or positive transparencies), black-and-white negative, color negative, (for negative transparencies), photographic print (for photographic prints), or digital image.

VRA Core 2.0: W1 Work Type; V1 Visual Document Type

VRA Core 3.0: Type

CDWA: Object/Work-Type; Related Visual Documentation-Image Type

Dublin Core: TYPE

CCO: Part TWO: *Chapter 1: Object Naming*

Not required; Repeatable

Examples:

VRA Core Element	XML element	XML attribute	Data example
WORK TYPE	worktype		basilica
		<i>vocab</i>	AAT
		<i>refid</i>	300170443
	worktype		fonds
		<i>vocab</i>	AAT
		<i>refid</i>	300189759
	worktype		digital image
		<i>vocab</i>	AAT
		<i>refid</i>	300215302

XML expression for a work record

```
<worktypeSet>
  <display>basilica</display>
  < worktype vocab="AAT" refid="300170443 ">basilica</worktype>
</worktypeSet>
```

XML expression for a collection record

```
<worktypeSet>
  <display>fonds</display>
  < worktype vocab="AAT" refid="300189759">fonds</worktype>
</worktypeSet>
```

XML expression for an image record

```
<worktypeSet>
  <display>digital image</display>
  <worktype vocab="AAT" refid="300215302">digital image</worktype>
</worktypeSet>
```