

## 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
<b>WORK</b>	<b>work</b>	<i>id</i>	w_987654321
		<i>refid</i>	000347
		<i>source</i>	History of Art Visual Resources Collection, UCB
<b>COLLECTION</b>	<b>collection</b>	<i>id</i>	c_876543210
		<i>refid</i>	BANC MSS 67/125 z
		<i>source</i>	Bancroft Library, UCB
<b>IMAGE</b>	<b>image</b>	<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				<b>School of Peter Paul Rubens (1577-1640)</b>
		<b>name</b>			Rubens, Peter Paul
			<i>type</i>		personal
			<i>vocab</i>		ULAN
			<i>refid</i>		500002921
		<b>culture</b>			Flemish
		<b>dates</b>			<b>1577-1640</b>
			<i>type</i>		life
				<b>earliestDate</b>	1577
				<b>latestDate</b>	1640
		<b>dates</b>			
			<i>type</i>		activity
				<b>earliestDate</b>	1590
				<b>latestDate</b>	1640
		<b>role</b>			painter (artist)
			<i>vocab</i>		AAT
			<i>refid</i>		300025136
		<b>attribution</b>			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**

<b>VRA Core Element</b>	<b>XML element</b>	<i>XML attribute</i>	<b>Data example (display value in bold)</b>
<b>CULTURAL CONTEXT</b>	<b>culturalContext</b>		<b>English</b>
		<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			<b>created 1520-1525</b>
		<i>type</i>		creation
			<b>earliestDate</b>	1520
			<b>latestDate</b>	1525
		<i>source</i>		Grove Dictionary of Art Online
		<i>href</i>		<a href="http://www.groveart.com">http://www.groveart.com</a>
		<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)
<b>DATE</b>	<b>date</b>				<b>12<sup>th</sup> century</b>
		<i>type</i>			creation
			<b>earliestDate</b>		1100
			<b>latestDate</b>		1199
		<i>source</i>			Grove Dictionary of Art Online
		<i>href</i>			<a href="http://www.groveart.com">http://www.groveart.com</a>
		<i>dataDate</i>			2005-06-08
	<b>date</b>				<b>destroyed mid-8<sup>th</sup> century BCE</b>
		<i>type</i>			destruction
			<b>earliestDate</b>		-765
			<b>latestDate</b>		-735
		<i>source</i>			Grove Dictionary of Art Online
		<i>href</i>			<a href="http://www.groveart.com">http://www.groveart.com</a>
		<i>dataDate</i>			2005-06-08
	<b>date</b>				<b>discovered 1895</b>
		<i>type</i>			discovery
			<b>earliestDate</b>		1895
			<b>latestDate</b>		1895
		<i>source</i>			Richardson, Lawrence, A New Topographical Dictionary of Ancient Rome, Baltimore: Johns Hopkins University Press, 1992
	<b>date</b>				<b>restored 1962-1965</b>
		<i>type</i>			restoration
			<b>earliestDate</b>		1962
			<b>latestDate</b>		1965
		<i>source</i>			Grove Dictionary of Art Online
		<i>href</i>			<a href="http://www.groveart.com">http://www.groveart.com</a>
		<i>dataDate</i>			2005-06-08
	<b>date</b>				<b>2004-03-04</b>
		<i>type</i>			performance
			<b>earliestDate</b>		2004-03-04
			<b>latestDate</b>		2004-03-04
		<i>source</i>			<b>San Francisco Chronicle, 2004-03-05</b>
	<b>date</b>				<b>created about 25,000 years ago</b>
		<i>type</i>			creation
			<b>earliestDate</b>		-30000
			<b>latestDate</b>	<i>circa</i>	true
					-20000
				<i>circa</i>	true
	<b>date</b>				<b>ca. 1492</b>
		<i>type</i>			creation
			<b>earliestDate</b>		1492
				<i>circa</i>	true
			<b>latestDate</b>		1492
				<i>circa</i>	true
	<b>date</b>				<b>before 1500</b>
		<i>type</i>			creation
			<b>latestDate</b>		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	<b>description</b> (work record)		<b>This drawing was originally part of a sketchbook, now lost, documenting the artist's 2<sup>nd</sup> trip to Egypt in 1867. Some of the figure's costume elements appear in a painted work of a later date</b>
		source	Hardin, Jennifer, "The Lure of Egypt," St. Petersburg: Museum of Fine Arts, 1995
	<b>description</b> (image record)		<b>This image was captured while the drawing was on exhibition at the Berkeley Art Museum</b>
		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:**

<b>VRA Core Element</b>	<b>XML element</b>	<b>XML subelement</b>	<i>XML attribute</i>	<b>Data example (display value in bold)</b>
<b>INSCRIPTION</b>	<b>inscription</b>			<b>Incised on the foot, ANDOKIDES EPOESEN (Andokides made this)</b>
		<b>author</b>		Andokides Painter
			<i>vocab</i>	ULAN
			<i>refid</i>	500030596
		<b>position</b>		On the foot, incised
		<b>text</b>		ANDOKIDES EPOESEN
			<i>type</i>	text
			<i>xml:lang</i>	gr
		<b>text</b>		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			<b>Inscribed, on side of table at left "El Sueño de la Razon Produce Monstruos" (The Sleep of Reason Produces Monsters)</b>
		<b>author</b>		Goya, Francisco de
			<i>vocab</i>	ULAN
			<i>refid</i>	500118936
		<b>position</b>		on side of table at left
		<b>text</b>		El Sueño de la Razon Produce Monstruos
			<i>type</i>	text
			<i>xml:lang</i>	es
		<b>text</b>		The Sleep of Reason Produces Monsters
			<i>type</i>	translation
			<i>xml:lang</i>	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>

```



## **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				<b>Musée du Louvre (Paris, FR) Inv. MR 299</b>
		<i>type</i>			repository
			<b>name</b>		Musée du Louvre
				<i>type</i>	corporate
				<i>xml:lang</i>	fr
			<b>refid</b>		Inv. MR 299
				<i>type</i>	accession
			<b>name</b>		Paris
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7008038
				<i>extent</i>	inhabited place
			<b>name</b>		France
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	1000070
				<i>extent</i>	nation
	<b>location</b>				<b>discovered Milos (GR)</b>
		<i>type</i>			discovery
			<b>name</b>		Milos, Nisos
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7010922
			<b>name</b>		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				<b>1600 Pennsylvania Avenue, (Washington, DC)</b>	
		<i>type</i>			site	
			<b>name</b>			1600 Pennsylvania Avenue
					<i>type</i>	geographic
			<b>name</b>			Washington
					<i>type</i>	geographic
					<i>vocab</i>	TGN
					<i>refid</i>	7013962
			<b>name</b>			District of Columbia
					<i>type</i>	geographic
					<i>vocab</i>	TGN
					<i>refid</i>	7015717
			<b>location</b>			
		<i>type</i>			creation	
			<b>name</b>		Nimrud	
				<i>type</i>	geographic	
				<i>vocab</i>	TGN	
				<i>refid</i>	7002593	
			<b>name</b>		Iraq	
				<i>type</i>	geographic	
				<i>vocab</i>	TGN	
				<i>refid</i>	1000118	
	<b>location</b>				<b>History of Art Visual Resources Collection, UCB 512345</b>	
		<i>type</i>			repository	
			<b>name</b>		History of Art Visual Resources Collection, UCB	
				<i>type</i>	corporate	
			<b>refid</b>		512345	
				<i>type</i>	accession	
			<b>name</b>		Berkeley	
				<i>type</i>	geographic	
				<i>vocab</i>	TGN	
				<i>refid</i>	7013386	
				<i>extent</i>	inhabited place	
	<b>location</b>				<b>formerly Victoria Contag Collection</b>	
		<i>type</i>			formerOwner	
			<b>name</b>		Victoria Contag	
				<i>type</i>	personal	



LOCATION (continued)

	<b>location</b>				<b>Living Theater (New York, NY)</b>
		<i>type</i>			performance
			<b>name</b>		Living Theater
				<i>type</i>	corporate
			<b>name</b>		New York City
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7007567
				<i>extent</i>	inhabited place
			<b>name</b>		New York
				<i>type</i>	geographic
				<i>vocab</i>	TGN
				<i>refid</i>	7007568
				<i>extent</i>	state
	<b>location</b>				Gansu (CN)
		<i>type</i>			creation
			<b>name</b>		Gansu
				<i>type</i>	geographic
				<i>extent</i>	province
				<i>vocab</i>	TGN
				<i>refid</i>	1001261
			<b>name</b>		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)
<b>MATERIAL</b>			<b>oil paint on canvas</b>
	<b>material</b>		oil paint
		<i>type</i>	medium
		<i>vocab</i>	AAT
		<i>refid</i>	300015050
	<b>material</b>		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)
<b>MATERIAL</b>			<b>bronze, on a marble base</b>
	<b>material</b>		bronze
		<i>type</i>	<i>medium</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300010957
	<b>material</b>		marble
		<i>type</i>	<i>medium</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300011443
		<i>extent</i>	base
<b>MATERIAL</b>			<b>graphite on paper</b>
	<b>material</b>		graphite
		<i>type</i>	<i>medium</i>
		<i>vocab</i>	AAT
		<i>refid</i>	300011098
	<b>material</b>		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			<b>Base 3 cm (H) x 36 cm (W) x 24 cm (D)</b>
	<b>measurements</b>		3
		<i>type</i>	height
		<i>unit</i>	cm
		<i>extent</i>	base
	<b>measurements</b>		36
		<i>type</i>	width
		<i>unit</i>	cm
		<i>extent</i>	base
	<b>measurements</b>		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:**

<b>VRA Core Element</b>	<b>XML element</b>	<i>XML attribute</i>	<b>Data example (display values in bold)</b>
<b>MEASUREMENTS</b>	<b>measurements</b>		<b>72</b>
		<i>type</i>	resolution
		<i>unit</i>	ppi
	<b>measurements</b>		<b>650</b>
		<i>type</i>	width
		<i>unit</i>	px
	<b>measurements</b>		<b>123</b>
		<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)
<b>RELATION</b>	<b>relation</b> (in the metadata record for the Telephos Frieze)		<b>From the Altar of Zeus</b>
		<i>type</i>	partOf
		<i>relids</i>	w_000987653 ( <i>id</i> for Altar of Zeus)
		<i>href</i>	<a href="http://~seurat.berkeley.edu/worksmetadata/AltarofZeus.html">http://~seurat.berkeley.edu/worksmetadata/AltarofZeus.html</a>
	<b>relation</b>	<i>type</i>	imagels
		<i>relids</i>	i_859348576 ( <i>id</i> for image of Telephos frieze)
		<i>href</i>	<a href="http://~seurat.berkeley.edu/images/554678.jpg">http://~seurat.berkeley.edu/images/554678.jpg</a>
	<b>relation</b> (in the metadata record for the Altar of Zeus)		<b>see also: Telephos Frieze</b>
		<i>type</i>	largerContextFor
		<i>relids</i>	w_000987654 ( <i>id</i> for Telephos Frieze)
		<i>href</i>	<a href="http://~seurat.berkeley.edu/worksmetadata/TelephosFrieze.html">http://~seurat.berkeley.edu/worksmetadata/TelephosFrieze.html</a>
	<b>relation</b> (in the metadata record for an image of the Telephos Frieze)		<b>From the Telephos frieze, Altar of Zeus, Pergamon</b>
		<i>type</i>	imageOf
		<i>relids</i>	w_000987654 ( <i>id</i> for Telephos Frieze)
		<i>href</i>	<a href="http://~seurat.berkeley.edu/images/554678.jpg">http://~seurat.berkeley.edu/images/554678.jpg</a>

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
<b>&lt;general - default&gt;</b>	
relatedTo	relatedTo
<b>&lt;hierarchical - group/collection/series to parts&gt;</b>	
partOf	largerContextFor
formerlyPartOf	formerlyLargerContextFor
<b>&lt;a work and its components&gt;</b>	
componentOf	componentIs
partnerInSetWith	partnerInSetWith
<b>&lt;works that are related as steps in the creation process&gt;</b>	
preparatoryFor	basedOn
studyFor	studyIs
cartoonFor	cartoonIs
modelFor	modelIs
planFor	planIs
counterProofFor	counterProofIs
printingPlateFor	printingPlateIs
reliefFor	impressionIs
prototypeFor	prototypeIs
<b>&lt;works designed to be displayed together&gt;</b>	
designedFor	contextIs
mateOf	mateOf
partnerInSetWith	partnerInSetWith
pendantOf	pendantOf
exhibitedAt	venueFor
<b>&lt;works copied after or depicting other works&gt;</b>	
copyAfter	copyIs
depicts	depictedIn
derivedFrom	sourceFor
facsimileOf	facsimileIs
replicaOf	replicaIs
versionOf	versionIs
<b>&lt;work to image relationships&gt;</b>	
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	XML attribute	Data example (display value in bold)
RIGHTS	rights			© Faith Ringgold. All rights reserved.
			type	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:**

<b>VRA Core Element</b>	<b>XML element</b>	<b>XML subelement</b>	<i>XML attribute</i>	<b>Data example (display value in bold)</b>
<b>SOURCE</b>	<b>source</b>			<b>Gascoigne, Bamber, The Great Moghuls, New York: Harper &amp; Row, 1971</b>
		<b>name</b>		Gascoigne, Bamber, The Great Moghuls, New York: Harper & Row, 1971
			<i>type</i>	book
		<b>refid</b>		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>	(state, edition, or impression)
<i>num</i>	(state number or edition number)
<i>count</i>	(number of known states , known editions, or number of impressions in an edition)

### Subelements

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

**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			<b>1<sup>st</sup> state of 5. Both figures in outline only, except Adam's right leg.</b>
			<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
		<b>name</b>		1 <sup>st</sup> state
		<b>description</b>		Both figures in outline only, except Adam's right leg

*XML expression for a work record for the 1<sup>st</sup> 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				<b>Edition of 1511. Title page (1/20) with Latin text by Chelidonius.</b>
	<b>stateEdition</b>			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
		<b>name</b>		Edition of 1511
		<b>description</b>		with Latin text by Chelidonius
	<b>stateEdition</b>			
			<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
		<b>name</b>		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	XML attribute	Data example (display value in bold)
STYLE PERIOD			<b>Italian Baroque</b>
	<b>stylePeriod</b>		Baroque
		<i>vocab</i>	AAT
		<i>refid</i>	300021147
	<b>stylePeriod</b>		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	XML attribute	Data example
STYLE PERIOD	<b>stylePeriod</b>		<b>Tang</b>
		<i>vocab</i>	AAT
		<i>refid</i>	300018420
	<b>stylePeriod</b>		<b>Impressionist</b>
		<i>vocab</i>	AAT
		<i>refid</i>	300021503
	<b>stylePeriod</b>		<b>Greco-Roman</b>
		<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:**

<b>VRA Core Element</b>	<b>XML element</b>	<b>XML subelement</b>	<b>XML attribute</b>	<b>Data example (concatenated display value in bold)</b>
<b>SUBJECT</b>	<b>subject</b>			<b>Chicago; Chaplin, Charlie,1889-1977; actors</b>
		<b>term</b>		actors
			<i>type</i>	descriptiveTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300025658
		<b>term</b>		Chaplin, Charlie, 1889-1977
			<i>type</i>	personalName
			<i>vocab</i>	LCNAF
			<i>refid</i>	n79126907
		<b>term</b>		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
<b>SUBJECT</b>	<b>subject</b>			
		<b>term</b>		Achilles is killed by Paris in the temple of Apollo
			<i>type</i>	icongraphicTopic
			<i>vocab</i>	ICONCLASS
			<i>refid</i>	94G531
	<b>subject</b>			
		<b>term</b>		iconoclasm
			<i>type</i>	conceptTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300055792
	<b>subject</b>			
		<b>term</b>		expulsion of Adam and Eve from paradise (Genesis 3:22-24)
			<i>type</i>	icongraphicTopic
			<i>vocab</i>	ICONCLASS
			<i>refid</i>	71A6
	<b>subject</b>			
		<b>term</b>		wars
			<i>type</i>	conceptTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300055314
	<b>subject</b>			
		<b>term</b>		hobbyhorses
			<i>type</i>	descriptiveTopic
			<i>vocab</i>	AAT
			<i>refid</i>	300211107
	<b>subject</b>			
		<b>term</b>		fat pony
			<i>type</i>	otherTopic
			<i>source</i>	folksonomy
	<b>subject</b>			
		<b>term</b>		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	XML attribute	Data example (display value in bold)
<b>TECHNIQUE</b>			<b>drawing over frottage</b>
	<b>technique</b>		frottage
		<i>vocab</i>	AAT
		<i>refid</i>	300053430
	<b>technique</b>		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			<b>ARV2 5 (6)</b>
		<b>name</b>		<b>Beazley, J.D., Attic Red-figure Vase Painters (2<sup>nd</sup> Edition), New York: Hacker Art Books, 1984</b>
			<i>type</i>	corpus
		<b>refid</b>		<b>p. 5, no. 6</b>
			<i>type</i>	citation
	<b>textref</b>			
		<b>name</b>		The Beazley Archive
			<i>type</i>	electronic
		<b>refid</b>		Vase number 200020
			<i>type</i>	other
			<i>href</i>	<a href="http://www.beazley.ox.ac.uk">http://www.beazley.ox.ac.uk</a>
			<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)
<b>TEXTREF</b>	<b>textref</b>			<b>B.127</b>
		<b>name</b>		Bartsch, Adam von, Le Peintre-graveur, Leipzig: J.A. Barth, 1854-76
			<i>type</i>	corpus
		<b>refid</b>		127
			<i>type</i>	citation
	<b>textref</b>			<b>Hollstein 238</b>
		<b>name</b>		Hollstein, F.W.H., German Engravings, Etchings, and Woodcuts, ca. 1400-1700, Amsterdam: M. Hertzberger, 1954-
			<i>type</i>	corpus
		<b>refid</b>		238
			<i>type</i>	citation
			<i>source</i>	Bartrum, Giulia, Albrecht Dürer and his Legacy, London: British Museum Press, 2002
	<b>textref</b>			<b>Mannings 1965</b>
		<b>name</b>		Mannings, David, Sir Joshua Reynolds: a Complete Catalog of his Paintings, New Haven: Yale University Press, 2000
			<i>type</i>	catalog
		<b>refid</b>		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		<b>Arnolfini Marriage</b>
		<i>type</i>	cited
		<i>pref</i>	true
		<i>source</i>	Grove Dictionary of Art Online
	title		<b>Portrait of Giovanni (?) Arnolfini and his Wife ("The Arnolfini Portrait")</b>
		<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	XML attribute	Data example (display value in bold)
<b>TITLE</b>	<b>title</b>		<b>Arch of Constantine</b>
		<i>type</i>	cited
		<i>pref</i>	true
		<i>source</i>	Grove Dictionary of Art Online
	<i>xml:lang</i>	en	
	<b>title</b>		<b>Arcus Constantini</b>
		<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
	<b>title</b>		<b>South facade</b>
		<i>type</i>	generalView
	<b>title</b>		<b>Fol. 1: January (From the Très Riches Heures de Jean, Duc de Berry)</b>
		<i>type</i>	cited
		<i>pref</i>	true
		<i>source</i>	Grove Dictionary of Art online
	<b>title</b>		<b>Close view of Jean, Duc de Berry</b>
		<i>type</i>	partialView
	<b>title</b>		<b>Mark Twain Papers &amp; Project</b>
		<i>type</i>	descriptive
		<i>pref</i>	true
		<i>source</i>	The Bancroft Library, University of California at Berkeley
		<i>href</i>	<a href="http://bancroft.berkeley.edu/MTP/">http://bancroft.berkeley.edu/MTP/</a>
		<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
<b>WORK TYPE</b>	<b>worktype</b>		<b>basilica</b>
		<i>vocab</i>	AAT
		<i>refid</i>	300170443
	<b>worktype</b>		<b>fonds</b>
		<i>vocab</i>	AAT
		<i>refid</i>	300189759
	<b>worktype</b>		<b>digital image</b>
		<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>
```