Application Profile[1] for GloPAD Performing Arts Metadata Schema

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Description: This application profile documents the terms GloPAD uses in its metadata for describing performing arts resources.

The subset of elements here is represented on the GloPAD Editors' Interface (EI) screens.

Namespaces:

Art Museum Image Consortium Data Specification (AMICO)
http://www.amico.org/AMICOlibrary/dataDictionary.html
Note: AMIICO describes Objects, Works, or Images.

Getty Categories for Describing Works of Art (CDWA)
http://www.getty.edu/research/conducting_research/standards/cdwa/2_overview/index.html
Note: CDWA describes Objects, Works, or Images.

Dublin Core Metadata Initiative Metadata Terms (DC)
http://dublincore.org/documents/dcmi-terms/
Note: DC's term for a digital or source object is Resource.

U.S. Machine-Readable Cataloging (MARC)
http://www.loc.gov/marc/

NISO Metadata for Images in XML Schema (MIX)
http://www.loc.gov/standards/mix/

Metadata Object Description Schema (MODS)
http://www.loc.gov/standards/mods//

OCLC/RLG Metadata Framework to Support the Preservation of Digital Objects (PMDO)
http://www.oclc.org/research/projects/pmwg/pm_framework.pdf
Note: The PMDO term for a digital or source object is Content Data Object.

Visual Resources Association Core 3.0 (VRA)
http://www.vraweb.org/vracore3.htm
Note: VRA's term for a digital or source object is Work or Image.

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[1] An Application Profile is a form for documenting which terms a given application (in this case GloPAD) uses in its metadata, with what extensions or adaptations, and specifying how those terms related both to formal standards such as Dublin Core as well as to less formally defined element sets and vocabularies." – *Dublin Core Application Profile Guidelines, Draft CWA, 2003-06-03.*

In this document each metadata term (element) is described in tables with the following format:

Term Name	Proper name of the metadata element
Term URI	A Uniform Resource Identifier used to identify the term.
Namespace	Namespace of the metadata element
Data Values	How the data is formatted, where it should come from
Definition	Element definition from its namespace
Mapping	Elements from other standards this term maps / relates to
GloPAD Interface Name	GloPAD editor interface form: Title of the field with the element
GloPAD definition	GloPAD local usage / implementation
Obligation	Indicates whether the element is required to always or sometimes be present (Mandatory, Conditional, or Optional)
Occurrence	Indicates any limit to the repeatability of the element
Example Data	GloPAD example of how the element should be populated

Term Name	**Archival system identification**
Term URI	
Namespace	PMDO (Reference Information)
Data Values	Free text
Definition	Uniquely identifies the Content Data Object and its associated metadata within the system in which it is stored.
Mapping	
GloPAD Interface Name	Digital Object: Repository Assigned ID
GloPAD definition	File or Repository Assigned ID of digital object preservation or master copy held at GloPAC partner repository. Filename, or path and filename, which the repository has assigned to the archival copy of the digital object. The information in this field is used to locate the archival copy of the digital object, if necessary. **Note: Another element, IDNumber.Current Repository, deals with the location of the digital or analog source object.**
Obligation	Mandatory
Occurrence	1
Example Data	Shaw_vol2_0023.jpg Filename only: filename.tif Path and filename: C:\collection\images\archive\filename.tif

Term Name	**BitsPerSample**
Term URI	
Namespace	NISO MIX: BitsPerSample
Data Values	Auto-generated
Definition	The number of bits per component for each pixel. This field provides N values depending upon SamplesPerPixel present.
Mapping	PMDO: File Description (Content Data Object Information) AMICO: AMICO.Format.ColorMetric
GloPAD Interface Name	Digital Object: Bits per Sample Source Object: Bits per Sample
GloPAD definition	The bit depth of the digital resource.
Obligation	Optional
Occurrence	1

Example Data	8-bit [grayscale]
	24-bit [RGB]

Term Name	**Cataloging History - Cataloger Name**
Term URI	
Namespace	CDWA
Data Values	Auto-generated from GloPAD log-in
Definition	Documentation of the creation and modification of the description of a work, including who made the description and when, along with any relevant notes. This category also describes any subsequent revisions made by the author or any other person.
Mapping	DC: Contributor VRA: Creator AMICO: Documentation/Cataloged By
GloPAD Interface Name	[Administrative information auto-generated for each table]: Person entering data
GloPAD definition	Person adding or editing cataloging information.
Obligation	Mandatory
Occurrence	unbounded
Example Data	Rachel Howard Joshua Young

Term Name	**Cataloging History – Date**
Term URI	
Namespace	CDWA
Data Values	Auto-generated (ISO 8601 YYYY-MM-DD format)
Definition	Documentation of the creation and modification of the description of a work, including who made the description and when, along with any relevant notes. This category also describes any subsequent revisions made by the author or any other person.
Mapping	DC: Date.modified VRA: Date.Alteration AMICO: Documented/Cataloged Date
GloPAD Interface Name	[Administrative information auto-generated for each table]: Date entered
GloPAD definition	Date cataloging information was added or edited.
Obligation	Mandatory
Occurrence	unbounded
Example Data	2004-04-07

Term Name	**ColorSpace**
Term URI	
Namespace	NISO MIX
Data Values	Controlled list
Definition	Designates the color space of the decompressed image data. Use value of TIFF Tag 262 (PhotometricInterpretation).
Mapping	PMDO: File Description (Content Data Object Description) AMICO: AMICO.Format.ColorPalette
GloPAD Interface Name	Digital Object: Color Palette Source Object: Color Palette

GloPAD definition	Denotes whether image is color or black-and-white. Black-and-white analog images with sepia or other tones may be scanned in color to capture the tones, or in grayscale to neutralize them.
Obligation	Optional
Occurrence	1
Example Data	Digital Object and Source Object (digital): RGB, Grayscale Source Object (analog): Color, Black & white

Term Name	**Contributor**
Term URI	http://purl.org/dc/elements/1.1/contributor
Namespace	DC
Data Values	GloPAD Person Table LC Name Authority File (LCNAF) Getty Union List of Artists' Names (ULAN)
Definition	An entity responsible for making contributions to the content of the resource.
Mapping	MARC: 7xx (Added Entry)
GloPAD Interface Name	Component: Component Represented Person [May apply to some Person AV Functions, Production Persons]
GloPAD definition	A person or organization involved in the production of an object or activity, but not its main creator.
Obligation	Conditional
Occurrence	unbounded
Example Data	Rachel Howard and Kari Smith were both Contributors to this document.

Term Name	**Coverage.spatial**
Term URI	http://purl.org/dc/terms/spatial
Namespace	DC
Data Values	Getty Thesaurus of Geographic Names (TGN) GeoNet Names Server (GNS)
Definition	The extent or scope of the content of the resource. With the spatial attribute, this means the spatial location (a place name or geographic coordinates).
Mapping	CDWA: Creation-Place/Original Location or Context-Historical/Cultural-Place VRA: Location or Location.Creation Site AMICO: Creation-Place MARC: 522 (Geographic Coverage Note), 651 (Subject Added Entry—Geographic Name), 654|a (Subject Added Entry—Faceted Topical Terms—Focus Term), or 752 (Added Entry—Hierarchical Place Name)
GloPAD Interface Name	Place: Primary Name Performance: Performance Place Component: Associated Location(s) Production: Production Location(s) Performing Arts: Associated Geographical Region PA Group: PA Group Location(s)
GloPAD definition	A place associated with the described resource, at a level of granularity appropriate to the resource. For a performance, this would mean the venue where the performance took place; for the performing art's Associated Geographical Region, this could mean a town, country, or region where the

	art form originated.
Obligation	Mandatory [for Place: Primary Name, Production: Production Location(s)] Conditional [for Performance: Performance Place, Component: Associated Location(s), Performing Arts: Associated Geographical Region, and PA Group: PA Group Location(s)]
Occurrence	1 [for Place: Primary Name and Performance: Performance Place] Unbounded [for Production: Production Location(s), Component: Associated Location(s), Performing Arts: Associated Geographical Region, and PA Group: PA Group Location(s)]
Example Data	Alexandrinsky Theater Balkans

Term Name	**Coverage.temporal**
Term URI	http://purl.org/dc/terms/temporal
Namespace	DC
Data Values	Controlled list
Definition	The extent or scope of the content of the resource. With the temporal attribute, this means a temporal period label, date, or date range.
Mapping	CDWA: Creation-Date-Earliest Date, Creation-Date-Latest Date, Context-Historical/Cultural-Date VRA: Date MODS: subject.temporal
GloPAD Interface Name	Digital Object: Creation Date Source Object: Creation Date Component: Component Activity Date, Date Object Created, Date Object Destroyed Performance: Performance Date Person: Birth Date, Death Date Piece: Piece Creation Date Place: Open/Creation Date, Close/Destroyed Date Production: Beginning Date, End Date PA Group: Date created, Date dissolved
GloPAD definition	Era, decade, century, or other approximate date.
Obligation	Conditional
Occurrence	1
Example Data	19th Century (Century) 1891-1900 (Date range) Early Tokugawa (Era)

Term Name	**Creator**
Term URI	http://purl.org/dc/elements/1.1/creator
Namespace	DC
Data Values	GloPAD Person Table LC Name Authority File (LCNAF) Getty Union List of Artists' Names (ULAN)
Definition	An entity primarily responsible for making the content of the resource. Examples of a Creator include a person, an organization, or a service.
Mapping	VRA: Creator, with qualifiers Creator.Personal name, Creator.Corporate name CDWA: Creation-Creator-Identity

	AMICO: Creator-Name MARC: 1xx (Main Entry)
GloPAD Interface Name	Digital Object: Creator Name Source Object: Creator Name Person: Person Primary Name PA Group: PA Group Name, PA Group Alternate Name, PA Group Associated Person(s) Piece: Piece Creator Performance: Performance Person Production: PA Group(s) in Production, Production Person Component: Component Associated Person
GloPAD definition	Creator can relate to any type of resource in GloPAD. For digital object: Creator of the digital object. For analog source object: Creator of the analog object. For piece: Author of the piece. etc.
Obligation	Conditional
Occurrence	unbounded
Example Data	Brazell, Karen Wilde, Oscar "unknown" is a valid entry

Term Name	**Creator.Role**
Term URI	
Namespace	VRA
Data Values	AAT agents facet MARC Relator Terms GloPAD controlled terms
Definition	The names, appellations, or other identifiers assigned to an individual, group, corporate body, or other entity that has contributed to the design, creation, production, manufacture, or alteration of the work or image.
Mapping	CDWA: Creation-Creator-Role AMICO: Creator-Role MODS: name.roleTerm
GloPAD Interface Name	Digital Object: Creator Function Source Object: Creator Function Piece: Piece Creator Function PA Group: Associated Person Function Performance: Performance Person Function (subdivided into Instrument, Performing Role, Character Name) Production: Production Person Function (subdivided into Instrument, Performing Role, Character Name) Component: Component Person Function
GloPAD definition	The Creator.Role attribute is used to show context-specific relationships of the creator to the resource being described. For example, the same person might be a Creator with attribute Photographer for a photograph as well as being a Creator with attribute Designer for a stage set. There will be pull-down lists with standardized vocabulary for both names and context-sensitive roles available to the GloPAD editors. This is a repeatable element.
Obligation	Conditional
Occurrence	1

Example Data	Brazell, Karen Creator.Role = photographer Brazell, Karen Creator.Role = designer Wilde, Oscar Creator.Role = author Wilde, Oscar Creator.Role = actor

Term Name	**Creator Identification – Birth Date** **Creator Identification – Death Date**
Term URI	
Namespace	CDWA
Data Values	ISO 8601 (YYYY-MM-DD)
Definition	Information about artists, architects, and other individuals and corporate bodies responsible for the design and production of works of art and architecture. This authority may also be used to store information about patrons and other people or corporate bodies important to the record for the work.
Mapping	AMICO: Creator-Birth-Date, Creator-Death-Date MARC: 545 (Biographical or historical data)
GloPAD Interface Name	Person: Birth Date (exact), Death Date (exact)
GloPAD definition	The dates of birth and death for each creator, when known.
Obligation	Mandatory
Occurrence	1
Example Data	1978-FEB-17 (Will be stored in database as 1978-02-17)

Term Name	**Creator Identification – Earliest Active Date** **Creator Identification – Latest Active Date**
Term URI	
Namespace	CDWA
Data Values	Free text
Definition	Information about artists, architects, and other individuals and corporate bodies responsible for the design and production of works of art and architecture. This authority may also be used to store information about patrons and other people or corporate bodies important to the record for the work.
Mapping	AMICO: Creator-Active-Date
GloPAD Interface Name	Person: Dates Active
GloPAD definition	The era or date range during which a creator created.
Obligation	Conditional
Occurrence	1
Example Data	Mid-to-late 19th century

Term Name	**Creator Identification – Gender**
Term URI	
Namespace	CDWA
Data Values	Male Female Unknown
Definition	Information about artists, architects, and other individuals and corporate bodies responsible for the design and production of works of art and architecture. This authority may also be used to store information about

	patrons and other people or corporate bodies important to the record for the work.
Mapping	AMICO: Creator-Gender
GloPAD Interface Name	Person: Gender
GloPAD definition	The gender of the creator.
Obligation	Mandatory
Occurrence	1
Example Data	Brazell, Karen - Female

Term Name	**Creator Identification – Life Roles**
Term URI	
Namespace	CDWA
Data Values	Controlled list
Definition	Information about artists, architects, and other individuals and corporate bodies responsible for the design and production of works of art and architecture. This authority may also be used to store information about patrons and other people or corporate bodies important to the record for the work.
Mapping	AMICO: Creator-Biography MARC: 545 (Biographical or historical data)
GloPAD Interface Name	Person: Genre Specialization
GloPAD definition	The specialties of the creator.
Obligation	Conditional
Occurrence	unbounded
Example Data	Brazell, Karen – Noh theater

Term Name	**Creator Identification – Nationality/Citizenship**
Term URI	
Namespace	CDWA
Data Values	Controlled list
Definition	An indication of the country or nation-state where the individual was born or of which he or she is a citizen or member, or in which a corporate body operated. Nationality and citizenship should be broadly interpreted; this is not a legalistic definition.
Mapping	AMICO: Creator-Culture/Nationality MARC: 678 (Biographical or Historical Data)
GloPAD Interface Name	Person: Country
GloPAD definition	The country or countries of a person's birth, citizenship, or prominence. This may differ from their cultural identity; for example, someone may be Chinese but have lived in Singapore all her life.
Obligation	Conditional
Occurrence	unbounded
Example Data	Brazell, Karen – United States

Term Name	**Creator Identification – Places of Activity**
Term URI	
Namespace	CDWA
Data Values	LCNAF ULAN

	TGN GNS Grove Art Online
Definition	Information about artists, architects, and other individuals and corporate bodies responsible for the design and production of works of art and architecture. This authority may also be used to store information about patrons and other people or corporate bodies important to the record for the work.
Mapping	AMICO: Creator-Biography MARC: 545 (Biographical or historical data)
GloPAD Interface Name	Person: Geographic Affiliations
GloPAD definition	The places where a creator did his or her work. This may or may not correspond to his or her nationality.
Obligation	Conditional
Occurrence	unbounded
Example Data	Reinhardt, Max – Austria, Czechoslovakia, Germany, Hungary

Term Name	**Creator Identification – Variant Names**
Term URI	
Namespace	CDWA
Data Values	LCNAF ULAN Grove Art Online
Definition	Information about artists, architects, and other individuals and corporate bodies responsible for the design and production of works of art and architecture. This authority may also be used to store information about patrons and other people or corporate bodies important to the record for the work.
Mapping	MODS: name.transliteration
GloPAD Interface Name	Person: Alternate Name
GloPAD definition	A pseudonym or pen name, married or maiden name, or alternate spelling, translation, or transliteration of a name.
Obligation	Conditional
Occurrence	unbounded
Example Data	Twain, Mark / Clemens, Samuel

Term Name	**Culture**
Term URI	
Namespace	VRA
Data Values	AAT LCSH
Definition	The name of the culture, people (ethnonym), or adjectival form of a country name from which a Work or Image originates or with which the Work or Image has been associated.
Mapping	CDWA: Creation-Creator-Identity-Nationality/Culture/Race-Culture AMICO: Creator-Culture/Nationality MARC: 678 (Biographical or Historical Data)
GloPAD Interface Name	Person: Cultural Identity Performing Arts: Cultural Identity
GloPAD definition	The name of the culture, people (ethnonym), or adjectival form of a country

	name from which a Person or Work originates or with which the Person or Work has been associated.
Obligation	Conditional
Occurrence	unbounded
Example Data	African American Basque Kurdish Palestinian …as well as… French Italian Spanish

Term Name	**Date** [Used for performances/activities; Date.created used for Objects]
Term URI	http://purl.org/dc/elements/1.1/date
Namespace	DC
Data Values	ISO 8601 (YYYY-MM-DD)
Definition	A date associated with an event in the life cycle of the resource.
Mapping	VRA: Date CDWA: Creation-Date MARC: 518 (Date/Time and Place of an Event Note) MODS: originInfo.dateOther
GloPAD Interface Name	Performance: Performance Date Component: Component Activity Date
GloPAD definition	Date of the performance or activity.
Obligation	Conditional
Occurrence	1
Example Data	1978-FEB-17 (Will be stored in database as 1978-02-17)

Term Name	**Date.Beginning**
Term URI	
Namespace	VRA
Data Values	ISO 8601 (YYYY-MM-DD)
Definition	[Beginning of] range of dates associated with the creation, design, production, presentation, performance, construction, or alteration, etc. of the work or image.
Mapping	DC: Date CDWA: Creation-date
GloPAD Interface Name	Production: Beginning Date Place: Open/Creation Date PA Group: Date Created Component: Date Object Created
GloPAD definition	Date of origin. A pull-down list of months will be available to editors for accurate date selection.
Obligation	Conditional
Occurrence	1
Example Data	1978-FEB-17 (Will be stored in database as 1978-02-17)

Term Name	**Date.Completion**
Term URI	
Namespace	VRA
Data Values	ISO 8601 (YYYY-MM-DD)
Definition	[End of] range of dates associated with the creation, design, production, presentation, performance, construction, or alteration, etc. of the work or image.
Mapping	DC: Date
GloPAD Interface Name	Component: Date Object Destroyed Production: End Date Place: Close/Destroyed Date PA Group: Date Dissolved
GloPAD definition	Date of termination. A pull-down list of months will be available to editors for accurate date selection.
Obligation	Conditional
Occurrence	1
Example Data	1978-FEB-17 (Will be stored in database as 1978-02-17)

Term Name	**Date.created**
Term URI	http://purl.org/dc/terms/created
Namespace	DC
Data Values	ISO 8601 (YYYY-MM-DD)
Definition	Date of creation of the resource.
Mapping	VRA: Date.Creation CDWA: Creation-Date MARC: 260|c (Date of publication, distribution, etc.) MODS: originInfo.dateCreated
GloPAD Interface Name	Digital Object: Creation Date Source Object: Creation Date Piece: Piece Creation Date
GloPAD definition	Date the Digital or Source Object or Component was created (e.g., date of the photograph or video or costume design, etc.). A pull-down list of months will be available to editors for accurate date selection.
Obligation	Conditional
Occurrence	1
Example Data	1978-FEB-17 (Will be stored in database as 1978-02-17)

Term Name	**Description.abstract**
Term URI	http://purl.org/dc/terms/abstract
Namespace	DC
Data Values	Free text
Definition	A summary of the content of the resource.
Mapping	VRA: Description CDWA: Descriptive Note MARC: 5xx (Note fields) MODS: abstract

GloPAD Interface Name	Piece: Plot Summary Production: Production Elements
GloPAD definition	A summary of a piece or production.
Obligation	Conditional
Occurrence	1
Example Data	The action occurs at Major Petkoff's house in a small Bulgarian town near the Dragoman Pass in 1885 and 1886.

Term Name	**File Description**
Term URI	
Namespace	PMDO (Content Data Object Description)
Data Values	Controlled lists
Definition	Technical specification of the file(s) comprising a Content Data Object. Note: this metadata should apply to file formats which are used to directly render or access content, rather than file formats which are used for storage convenience (e.g., ZIP or TAR files).
Mapping	
GloPAD Interface Name	Digital Object: Frame Rate, Sound Field Source Object: Frame Rate, Sound Field
GloPAD definition	Technical information associated with multimedia digital and born-digital objects. The sampling frequency is the rate at which the audio was sampled, expressed in kHz. The frame rate is the number of frames per second at which the video source item was digitized. Sound field indicates the aural space arrangement of the sound recording.
Obligation	Optional
Occurrence	1
Example Data	Frame Rate: 24 fps Sound Field: Stereophonic

Term Name	**Format**
Term URI	http://purl.org/dc/elements/1.1/format
Namespace	DC
Data Values	Internet MIME Type
Definition	The physical or digital manifestation of the resource.
Mapping	
GloPAD Interface Name	Digital Object: Format
GloPAD definition	Describes the digital manifestation of a resource. [Objects classified by Category are mapped to DC Type. Subcategory is not necessary for Digital Objects. Physical manifestations use format.medium qualifier.]
Obligation	Mandatory
Occurrence	1
Example Data	JPEG [for digital Still Image] MPEG [for digital Moving Image] WAV [for digital Audio]

Term Name	**Format.medium**
Term URI	http://purl.org/dc/terms/medium
Namespace	DC

Data Values	Getty Art & Architecture Thesaurus (AAT) LC Thesaurus of Graphic Materials II: Genre & Physical Characteristic Terms (TGM-II)
Definition	The material or physical carrier of the resource.
Mapping	VRA: Material.Medium CDWA: Object/Work-Type, Materials and Techniques-Materials-Name MARC: 340|a (Physical Medium – Material base and configuration) MODS: physicalDescription.form, physicalDescription.internetMediaType [Also see physicalDescription.digitalOrigin for born digital, reformatted digital labels]
GloPAD Interface Name	Source Object: Subcategory Source Object: Format
GloPAD definition	Describes the object format and medium [physical carrier] of a resource. Choose one term from each of two pull-down lists with controlled terms. [Objects classified by Category are mapped to DC Type. Subcategory is not necessary for Digital Objects]
Obligation	Mandatory
Occurrence	1
Example Data	Slide, 35 mm [for analog Still Image] Film, 8mm [for analog Moving Image] Sound disc, 45 rpm [for analog Audio]

Term Name	**Identifier [NOTE: Identifier.citation is a proposed refinement to cover Bibliographic references]**
Term URI	http://purl.org/dc/elements/1.1/identifier
Namespace	DC
Data Values	Formal identification systems include the Uniform Resource Identifier (URI), the Uniform Resource Locator (URL), the Digital Object Identifier (DOI) and the International Standard Book Number (ISBN) and ISSN. [Informal identification systems are given to the resource by the GloPAC partner repository submitting the resource to GloPAD. It is usually the file name or ID that can be tracked locally at the partner repository.]
Definition	An unambiguous reference to the resource within a given context.
Mapping	PMDO: Global identification (Reference Information) MARC: 856 (Electronic Location and Access) MODS: identifier
GloPAD Interface Name	Place: Place URL Digital Object: Thumbnail Image Upload Digital Object: Digital Object Upload Digital Object: Complex Media Object Upload
GloPAD definition	If the resource being described has a unique global identifier, such as ISBN, ISSN, URL, URI, or DOI, add that ID term here. Do not use URLs that are not permanently maintained or may change over time. This ID uniquely identifies the resource to systems outside of the system in which it is stored. The file name or other identifier given to the resource by the GloPAD partner submitting the resource to GloPAD. It is the file name of a digital resource uploaded or pointed to on a partner's server. Digital object: Digital file for the digital object you are uploading to the database. This can be a still image, text, video clip, or sound recording that consists of a single file (e.g., .jpg, .mov, .wmv, .rm, .mpg). Thumbnail: File name of the thumbnail image accompanying the digital

object that you are uploading to the database.
Complex Media Object: Zipped package of digital files you are uploading to the database, which comprise the digital object (e.g., a VRML).
Complex Media Object Description File: File containing code that says where to jump to in the zipped package in order to open the complex media object on the Web interface.

Obligation	Conditional
Occurrence	1
Example Data	ISBN: 0-8442-5345-6 URL: http://grp.xipolis.net/suche/ URI: http://purl.org/dc/elements/1.1/identifier OneOfASet.jpg Picture_small.jpg Still image on hard drive: C:\collection\images\full\filename.jpg Video clip on CD: F:\videos\filename.mov

Term Name	**IDNumber.Current Repository**
Term URI	
Namespace	VRA
Data Values	Local authority
Definition	The unique identifiers assigned to a Work or an Image.
Mapping	DC: Identifier CDWA: Current Location-Repository Number MARC: 035 (System Control Number)
GloPAD Interface Name	Digital Object: Repository Assigned ID Source Object: Repository Assigned ID
GloPAD definition	Enter the ID number / file name for the object as kept by the local repository that will help users reference or locate the resource. For physical resources this may be a different than the Repository Assigned ID listed for the Digital Object surrogate. For a born-digital resource this may be a different ID than the preservation / archival copy. Identification of where in the repository the object is stored. For a digital object, this could be the path and filename, plus the physical location of the media on which it is stored (e.g., if it is stored on a CD, where the CD is located). For an analog object, this could include such identifiers as the item number, box, and folder. **[Note: Another element, Archival System Identifier, deals with the location of master digital object.]**
Obligation	Conditional
Occurrence	1
Example Data	CHOPTEOCHEW005 X001 B42 X23 For digital object stored on a computer: C:\collection\images\full\filename.tif For digital object stored on a CD: filename.tif, archive disk 124, storage box 2 For analog object (slide): atsumori3, slide box 1

Term Name	**Inscriptions/Marks**
Term URI	
Namespace	CDWA

Data Values	AAT
Definition	A description of distinguishing or identifying physical markings, lettering, annotations, texts, or labels that are a part of a work or are affixed, applied, stamped, written, inscribed, or attached to the work, excluding any mark or text inherent in materials.
Mapping	AMICO: Inscriptions and/or Marks VRA:　　Description DC:　　Description MARC: 562|a (Copy and Version Identification Note – Identifying markings)
GloPAD Interface Name	Component: Component Object Inscriptions/Markings
GloPAD definition	Inscriptions or markings on the component (e.g., signature, notes)
Obligation	Optional
Occurrence	1
Example Data	Seal of the Photo Studio on back.

Term Name	**Language**
Term URI	http://purl.org/dc/elements/1.1/language
Namespace	DC
Data Values	RFC 3066 ISO 639
Definition	A language of the intellectual content of the resource. Recommended best practice is to use RFC 3066, which, in conjunction with ISO 639, defines two- and three-letter primary language tags with optional subtags.
Mapping	MARC: 546|a (Language Note) MODS: language
GloPAD Interface Name	Performance: Performance Language(s) Component: Component Represented Language(s) Piece: Language(s) of Creation
GloPAD definition	The language in which the work was written, spoken, or represented.
Obligation	Conditional
Occurrence	unbounded
Example Data	Chinese English German Japanese Russian

Term Name	**Location.Current Repository**
Term URI	
Namespace	VRA
Data Values	GloPAD name authority LCNAF
Definition	The geographic location and/or name of the repository, building, or site-specific work or other entity whose boundaries include the Work or Image.
Mapping	CDWA: Current Location-Repository Name MODS: location.physicalLocation MARC: 535|a (Location of Originals/Duplicates Note – Custodian)
GloPAD Interface Name	Digital Object: Repository Name Source Object: Repository Name

	Component: Component Object Repository Name
GloPAD definition	This is the repository where the resource being described is kept. A pull-down list of place names will be available to GloPAD editors for consistent data entry. Place where a copy of the digital object--or a higher-quality version (e.g., the TIFF)--is stored.
Obligation	Conditional
Occurrence	1
Example Data	Carl A. Kroch Library (Cornell University) Binghamton University, Max Reinhardt Archives St. Petersburg Museum of Theatre and Music

Term Name	**Material**
Term URI	
Namespace	VRA
Data Values	AAT
Definition	The substance of which a work or an image is composed.
Mapping	CDWA: Materials and Techniques-Materials-Color, Materials and Techniques-Materials AMICO: Materials and Techniques-Materials-Term DC: Format.medium
GloPAD Interface Name	Component: Component Object Colors/Patterns, Component Object Material
GloPAD definition	Material, colors, and patterns of physical objects represented in GloPAD.
Obligation	Optional
Occurrence	1
Example Data	[Kimono]: silk, red paisley

Term Name	**Measurements.Dimensions**
Term URI	
Namespace	VRA
Data Values	Graphic Materials: Rules for Describing Original Items and Historical Materials (LC Graphic Materials) – for formatting analog image sizes ISO 8601 (HH:MM:SS) – for duration
Definition	The size, shape, scale, dimensions, format, or storage configuration of the Work or Image. Dimensions may include such measurements as volume, weight, area, or running time. The unit used in the measurement must be specified.
Mapping	DC: Format.extent CDWA: Measurements-Dimensions AMICO: AMICO.Format.Dimensions [for digital] AMICO: Measurement-Dimension-Value [for analog] MARC: 300|c (Physical Description – Dimensions) MODS: format.extent
GloPAD Interface Name	Digital Object: Dimensions (in pixels) Digital Object: Duration Source Object: Dimensions Source Object: Duration Component: Component Object Dimensions
GloPAD definition	Describes the digital or analog size, scale, and dimension of a digital or

	analog object in GloPAD. Depending on the type of object being described, the editor will see either Size (two text fields, H x W) or Duration (three text fields, HH:MM:SS) and appropriate units for measurement. Use these fields to describe the dimensions or duration of the digital object, depending on whether it is a still image (dimensions) or an audio or video clip (duration). If the digital object is a still image, only the Dimensions field will be displayed. If the digital object is an audio clip, only the Duration field will be displayed. If the digital object is a video clip, both Dimensions and Duration will be displayed. Dimensions: Height and width of the digital object, in pixels. Height and width of the analog object, in metric or English units. (Preferred format is metric, with conversion in parentheses if desired.) Duration: Play length of the digital or analog object, in hours, minutes, and seconds.
Obligation	Optional
Occurrence	1
Example Data	700 x 455 in pixels 19 x 24 cm (8 x 10 in) 01:32:00 [for 1 hour 32 min] 00:00:30 [for 30 seconds]

Term Name	**Measurements-Dimensions-Unit**
Term URI	
Namespace	CDWA
Data Values	Controlled list
Definition	The unit of measurement used.
Mapping	AMICO: Measurement-Dimension-Units
GloPAD Interface Name	Source Object: Size Measure
GloPAD definition	The unit of measurement used in DC: Format.extent.
Obligation	Conditional
Occurrence	1
Example Data	Inches, centimeters, millimeters, meters, feet, liters, kilograms, cubic centimeters, square feet…

Term Name	**Place/Location Identification-Coordinates**
Term URI	
Namespace	CDWA
Data Values	GloPAD Place Table TGN GNS
Definition	Information about geographic places important to the work of art, architecture, or to the creators. This authority includes administrative entities, such as nations or cities, and physical features, such as rivers or continents.
Mapping	DC: Coverage.spatial
GloPAD Interface Name	Place: Country, Postal Code, Province/State, City, Address
GloPAD definition	The coordinates of a place where a performance occurred or a group or institution is located.
Obligation	Conditional
Occurrence	1

Example Data	[Museum of the City of New York]: 1220 Fifth Avenue, New York, New York, 10029, United States

Term Name	**Place/Location Identification-Place Types**
Term URI	
Namespace	CDWA
Data Values	Alexandria Digital Library Feature Type Thesaurus
Definition	Information about geographic places important to the work of art, architecture, or to the creators. This authority includes administrative entities, such as nations or cities, and physical features, such as rivers or continents.
Mapping	
GloPAD Interface Name	Place: Place Type
GloPAD definition	The type of place listed in the Place Primary Name field.
Obligation	Mandatory
Occurrence	1
Example Data	City Commercial site Historical site Library building Museum building Outdoor site Palace Performance site Region Religious facility Residential site

Term Name	**Place/Location Identification-Variant Place Names**
Term URI	
Namespace	CDWA
Data Values	TGN GNS
Definition	Information about geographic places important to the work of art, architecture, or to the creators. This authority includes administrative entities, such as nations or cities, and physical features, such as rivers or continents.
Mapping	
GloPAD Interface Name	Place: Place Alternate Name
GloPAD definition	Historical, translated, or transliterated versions of a place name.
Obligation	Conditional
Occurrence	unbounded
Example Data	Russia / Soviet Union (historical name)

Term Name	**Related Works-Relationship Type**
Term URI	
Namespace	CDWA
Data Values	Controlled list
Definition	The kind of relationship between the work being described and another

	work.
Mapping	AMICO: Related-Works-Relationship-Type VRA: Relation DC: Relation.isVersionOf
GloPAD Interface Name	Digital Object: Series Order Performing Arts: PA Alternate Name Type Person: Person Alternate Name Type PA Group: PA Group Alternate Name Type Production: Production Alternate Name Type; Type(s) of Production Piece: Piece Alternate Name Type, Associated Piece Relation Type
GloPAD definition	The relationship between the work being described and another work.
Obligation	Conditional
Occurrence	1
Example Data	Alternate spelling Earlier version

Term Name	**Relation.hasPart**
Term URI	http://purl.org/dc/terms/hasPart
Namespace	DC
Data Values	
Definition	The described resource includes the referenced resource either physically or logically.
Mapping	VRA: Title.Larger Entity CDWA: Related Works-Relationship Type MARC: 580 (Linking Entry Complexity Note) or 787 (Nonspecific Relationship Entry) MODS: relatedItem
GloPAD Interface Name	Performance {hasPart} Performance Section, Performance Section of Piece Performing Arts {hasPart} Associated PA Group(s) Piece {hasPart} Piece Structure Divisions
GloPAD definition	The relationship between a larger digital, physical, or ephemeral object or event and the particular digital, physical, or ephemeral object or event being described.
Obligation	Conditional
Occurrence	unbounded
Example Data	Act I

Term Name	**Relation.isFormatOf**
Term URI	http://purl.org/dc/terms/isFormatOf
Namespace	DC
Data Values	
Definition	The described resource is the same intellectual content of the referenced resource, but presented in another format.
Mapping	VRA: Relation.Type CDWA: Related Works-Relationship Type MARC: 580 (Linking Entry Complexity Note) or 787 (Nonspecific Relationship Entry) MODS: relatedItem PMDO: Relationships (Context Information)

GloPAD Interface Name	Source Object {isFormatOf} Digital Object
GloPAD definition	The implied relationship between source object and digital object.
Obligation	Conditional
Occurrence	1
Example Data	

Term Name	**Relation.isPartOf**
Term URI	http://purl.org/dc/terms/isPartOf
Namespace	DC
Data Values	
Definition	The described resource is a physical or logical part of the referenced resource.
Mapping	VRA: Relation.Type VRA: Title.Larger Entity CDWA: Related Works-Relationship Type MARC: 580 (Linking Entry Complexity Note) or 787 (Nonspecific Relationship Entry) MODS: relatedItem
GloPAD Interface Name	Digital Object {isPartOf} Repository Collection Name Digital Object {isPartOf} GloPAD Series Source Object {isPartOf} Repository Collection Name Component {isPartOf} Associated Production(s) Performance {isPartOf} Performance Production Person {isPartOf} PA Group Affiliations, Institutional Affiliations PA Group {isPartOf} Associated Institution(s), Associated PA Group(s) Place {isPartOf} Place/Institutional Affiliation
GloPAD definition	The relationship between a larger digital, physical, or ephemeral object or event and the particular digital, physical, or ephemeral object or event being described.
Obligation	Mandatory [Performance Production]
Occurrence	unbounded
Example Data	Bernard F. Burgunder Collection [Repository Collection Name] Lysistrata Promptbook [GloPAD Series] 1769Feb17, Nakamura Theatre, Aioijishi [Associated Production(s)]

Term Name	**Relation.isReferencedBy**
Term URI	http://purl.org/dc/terms/isReferencedBy
Namespace	DC
Data Values	Use library catalog information whenever possible.
Definition	The described resource is referenced, cited, or otherwise pointed to by the referenced resource.
Mapping	CDWA: Related Textual References VRA: Source
GloPAD Interface Name	Production: Bibliographic References Person: Bibliographic References Person: Person Primary Name Source Piece: Bibliographic References Place: Place Primary Name Source Place: Bibliographic References PA Group: Bibliographic References Piece: Plot Summary Source Bibliographic Reference

GloPAD definition	A reference to the source of the information recorded about the work or the image.
Obligation	Optional
Occurrence	1
Example Data	

Term Name	**Relation.isVersionOf**
Term URI	http://purl.org/dc/terms/isVersionOf
Namespace	DC
Data Values	Controlled terms
Definition	The described resource is a version, edition, or adaptation of the referenced resource. Changes in version imply substantive changes in content rather than differences in format.
Mapping	VRA: Relation.Type VRA: Title.Larger Entity CDWA: Related Works-Relationship Type MARC: 580 (Linking Entry Complexity Note) or 787 (Nonspecific Relationship Entry) MODS: relatedItem
GloPAD Interface Name	Performance {isVersionOf} Performance Piece Piece {isVersionOf} Associated Piece(s) Production {isVersionOf} Associated Production(s)
GloPAD definition	The implied relationship between and among performances, pieces, and productions.
Obligation	Optional
Occurrence	unbounded
Example Data	

Term Name	**Relation.references**
Term URI	http://purl.org/dc/terms/references
Namespace	DC
Data Values	Controlled terms
Definition	The described resource references, cites, or otherwise points to the referenced resource.
Mapping	VRA: Source CDWA: Related Textual References MARC: 581 (Publications about Described Materials Note) MODS: relatedItem
GloPAD Interface Name	Digital Object {references} Page Numbers Referenced Source Object {references} Page Numbers Referenced Person {references} Page Numbers Referenced PA Group {references} Page Numbers Referenced Piece {references} Page Numbers Referenced Place {references} Page Numbers Referenced Component {references} Associated PA(s), Associated Character Name(s), Page Numbers Referenced Production {references} Page Numbers Referenced
GloPAD definition	The page numbers of a source referenced from a GloPAD entry.
Obligation	Optional
Occurrence	1

Example Data	

Term Name	**Rights**
Term URI	http://purl.org/dc/elements/1.1/rights
Namespace	DC
Data Values	Required field has 3 levels of radio buttons; selecting level 1 sets copy block protection on digital object. Other fields allow partners to enter Credit Line and Ordering Information.
Definition	Information about rights held in and over the resource. Typically, a Rights element will contain a rights management statement for the resource, or reference a service providing such information. Rights information often encompasses Intellectual Property Rights (IPR), Copyright, and various Property Rights. If the Rights element is absent, no assumptions can be made about the status of these and other rights with respect to the resource.
Mapping	PMDO: Rights management (Provenance Information) VRA: Rights CDWA: Related Visual Documentation-Copyright Restrictions AMICO: Owner-Credit-Line, Copyright-Statement MARC: 506|a (Terms Governing Access) or 540|a (Terms Governing Use and Reproduction Note)
GloPAD Interface Name	Digital Object: Rights Statement Digital Object: Credit Line Digital Object: Ordering Information
GloPAD definition	Rights statement for the resource being described. The rights statement should provide users with information about rights for reproduction or use of the resource as well as a credit line and contact information for the rights holder.
Obligation	Mandatory [Rights Statement]
Occurrence	1
Example Data	**Rights Statement:** (1) No copies may be made for any purpose [set copy block] (2) This may be used for lectures or temporary classroom display if properly credited but may not be published in any form [no copy block--show Credit Line (below)] (3) This may be freely used in non-commercial settings if properly credited [no copy block--show Credit Line (below)] **Credit line:** Bakrushin State Central Theatre Museum; all rights reserved **Ordering information:** Contact C.V. Starr East Asian Library, Columbia University, starr@libraries.cul.columbia.edu.

Term Name	**Source**
Term URI	http://purl.org/dc/elements/1.1/source
Namespace	DC
Data Values	
Definition	A reference to a resource from which the present resource is derived.
Mapping	CDWA: Related Visual Documentation-Image Source-Name

	MARC: 534|n (Original version note)
	MODS: originInfo (has many subelements)
GloPAD Interface Name	Digital Object: Bibliographic References
	Source Object: Bibliographic References
	Component: Component Reference
	Piece: Piece Citation
GloPAD definition	When the object is an image and this image came from a book, video, film, or other resource, the bibliographic citation to that resource is listed.
	If the analog source object is a still image that was scanned from printed material, the bibliographic citation for that printed material.
Obligation	Optional
Occurrence	1
Example Data	Chinese opera / [photographs by] Jessica Tan Gudnason ; text by Gong Li.
	New York: Abbeville Press, c2001.
	Ein Sommernachtstraum von William Shakespeare
	Six Yuan Plays
	The Art of the Japanese Book

Term Name	**Style/Period.Movement**
Term URI	
Namespace	VRA
Data Values	AAT
	LCSH
Definition	A defined style, historical period, group, school, dynasty, movement, etc. whose characteristics are represented in the Work or Image.
Mapping	CDWA: Styles/Periods/Groups/Movements-Indexing Terms
	AMICO: Style/Period-Terms
	DC: Subject
	MARC: 65x (Subject Index Term)
GloPAD Interface Name	Piece: Piece Associated Movement
	PA Group: Associated Movement(s)
GloPAD definition	Historical/artistic movements with which play pieces (as written texts) are affiliated.
Obligation	Optional
Occurrence	unbounded
Example Data	Constructivism

Term Name	**Style/Period.Period**
Term URI	
Namespace	VRA
Data Values	AAT
	GloPAD controlled list
Definition	A defined style, historical period, group, school, dynasty, movement, etc. whose characteristics are represented in the Work or Image.
Mapping	CDWA: Styles/Periods/Groups/Movements-Indexing Terms
	AMICO: Style/Period-Terms
	DC: Coverage.temporal
	MARC: 65x Subject Index Term
GloPAD Interface Name	PA: Associated Historical Period
GloPAD definition	Main historical period with which performing art is associated.

Obligation	Conditional
Occurrence	1
Example Data	Ming dynasty

Term Name	**Subject**
Term URI	http://purl.org/dc/elements/1.1/subject
Namespace	DC
Data Values	LCSH AAT
Definition	The topic of the content of the resource. Typically, a Subject will be expressed as keywords, key phrases or classification codes that describe a topic of the resource. Recommended best practice is to select a value from a controlled vocabulary or formal classification scheme.
Mapping	VRA: Subject CDWA: Subject Matter-Description Indexing Terms, Subject Matter-Identification-Index Terms, Subject Matter-Interpretation-Indexing Terms MARC: 65x Subject Index Term MODS: genre MODS: subject
GloPAD Interface Name	PA Group: Associated PA Type/Name Component: Component Category(s), Component (Object or Activity) Production: Performing Art Type, Production Arts of Performance Piece: Associated PA Performing Arts: PA General Genre/Type, Arts of Performance
GloPAD definition	The type or category of the work, object, or activity being described.
Obligation	Mandatory (Component Category(s), Component (Object or Activity), PA General Genre/Type); Conditional (all others)
Occurrence	unbounded
Example Data	Sets and Scenery [Component Category(s)] Set design [Component (Object or Activity)] Aerial stunts [Component Performing Arts]

Term Name	**Technique**
Term URI	
Namespace	VRA
Data Values	AAT
Definition	The production or manufacturing processes, techniques, and methods incorporated in the fabrication or alternation of the work or image.
Mapping	CDWA: Materials and Techniques-Processes or Techniques AMICO: Materials and Techniques-Process/Technique-Term
GloPAD Interface Name	Component: Component Object Creation Technique
GloPAD definition	The technique of creation of the component.
Obligation	Optional
Occurrence	1
Example Data	India ink Wood-block print

Term Name	**Title**
Term URI	http://purl.org/dc/elements/1.1/title

Namespace	DC
Data Values	Free text
Definition	A name given to the resource. Typically, a Title will be a name by which the resource is formally known.
Mapping	VRA: Title [qualifiers: Title.Attribute, Title.Series, Title.LargerEntity] CDWA: Titles or names-Text MARC: 245 (Title Statement) MODS: titleInfo [includes attributes for type, authority, language, script, and transliteration] AMICO: Object-Title-Name
GloPAD Interface Name	Digital Object: Title Component: Component Proper Name Production: Production Name, Production Piece(s) Piece: Piece Name Performing Arts: PA Name
GloPAD definition	Title given to the resource. This may be a title made up by the editor or an official title given by an artist or creator. If what is represented already has an official title given by an artist or creator, enter that title in the text box, in quotes (" "). If you want to add further information, add a colon after the quotes and enter the information after the colon. If what is represented does not have an official title, create a title and enter it in the text box. Title information should be entered in the order Who, What, Where, When.
Obligation	Mandatory
Occurrence	1
Example Data	Actress from the Fieldmouse, Cologne, Germany, July 31, 2003 The Mona Lisa Actor Julius Foo standing on ladder holding white mask next to his face, in Galileo I Feel the Earth Move, Singapore, 1997 Costume design sketch for the character Magaera in Androcles and the Lion, London, 1913 Kabuki woodblock print depicting actor Onoe Shoroku I in Edo no Hana Mimasu Soga, standing, dressed in mostly red, plus black, gray, brown, and purple, from Ehon Butai Ogi, Vol.1, 1917 Vsevelod Meyerhold, standing next to his dachshund in front yard of large house, Terijoki, Finland, 1912

Term Name	**Title.alternative**
Term URI	http://purl.org/dc/terms/alternative
Namespace	DC
Data Values	Free text
Definition	Any form of the title used as a substitute or alternative to the formal title of the resource. This qualifier can include Title abbreviations as well as translations.
Mapping	VRA: Title [qualifiers: Title.Translation] CDWA: Titles or names-Text MARC: 246 (Varying Form of Title) MODS: titleInfo [includes attributes for type, authority, language, script, and transliteration] AMICO: Object-Title-Name
GloPAD Interface Name	Production: Production Alternate Name

	Piece: Piece Alternate Name(s) Performing Arts: PA Alternate Name
GloPAD definition	Alternate title given to the resource.
Obligation	Conditional
Occurrence	unbounded
Example Data	Mona Lisa / Giaconda

Term Name	**Type**
Term URI	http://purl.org/dc/elements/1.1/type
Namespace	DC
Data Values	DCMI Type (Collection, Dataset, Event, Image (Still Image, Moving Image), Interactive Resource, Service, Software, Sound, Text, Physical Object)
Definition	The nature or genre of the content of the resource.
Mapping	VRA: Type CDWA: Object/Work-Type AMICO: AMICO.Mode MARC: 655|a (Genre/Form Data or Focus Term) MODS: typeOfResource
GloPAD Interface Name	Digital Object: Category Source Object: Category
GloPAD definition	Broad classification of resource type
Obligation	Conditional
Occurrence	1
Example Data	Still image Text

Unmapped fields

Form	Field Name
Digital Object	Unique db identifier
Digital Object	Is this d.o. a representation of a performance event?
Source Object	Digital or analog
Component	Is this component an activity or an object?
Performing Arts	Is this PA performed contemporarily?
Performing Arts	PA Performing Roles
Performing Arts	PA Instrumentation
Performance, Production, Piece, Component	Character Type
Piece	Characters in Piece
Component	Component Activity Part of Body
Bibliography	Individual fields not mapped; aggregate of fields mapped.
All	Administrative fields: Editorial Approval, PA Content Approval, Migrated Record Approved
All (2 on Component)	Notes