Itinerary for this afternoon

- Metadata
  - What is it?
  - How does it relate to cataloging?
  - What do we need to know?
    - Linked data
    - Semantic Web
- RDA (Resource Description and Access)
  - What is it?
  - Why is it important?
- Wrap up
Any Questions
INTRODUCTIONS
Should always start with a handshake
And the question is.....

What question do you hope to get answered this afternoon?
Metadata

an introduction
What do you think metadata is?
Metadata definition

Metadata n. data that describes and gives information about other data.

Metadata history

- Libraries started using term in 1995
  - Dublin Core Metadata Set established
  - Librarians and web community
- “Commonly refers to any data that aids in the identification, description and location of networked electronic resources”*

Dublin Core

- General purpose scheme for resource description
- Originally intended to facilitate discovery of information objects on the Web
- Named after Dublin, Ohio
  - Home of OCLC
  - Where the set of elements was proposed in 1999
Dublin Core

- element set for describing a wide range of networked resources
  - 15 elements
  - concepts are equally applicable to virtually any file format, as long as the metadata is in a form suitable for interpretation both by search engines and by human beings
Resource Description Framework
An attempt to represent metadata on the Web
Machine-readable AND machine-understandable
Usually associated with XML but can be embedded within HTML
RDF “triple”

THE RDF TRIPLE

- Subject
- Predicate
- Object

- First Resource
- Second Resource

Defines relationship using set vocabulary (e.g., Dublin Core)
RDF--URI

- Uniform Resource Identifier
  - Specific format – URL (Uniform Resource Locator)
  - Usually on the Web
- Linkages
Basic principles of descriptive elements

- The notation is based on the HTML META tag.
- Each element is optional and repeatable.
- Metadata elements may appear in any order.
- The ordering of multiple occurrences of the same element (e.g., CREATOR) may have a significance intended by the provider, but ordering is not guaranteed to be preserved in every user environment.
each descriptive element definition has a NAME attribute and a CONTENT attribute, as in:

- `<meta name="DC.Creator" CONTENT="Shakespeare, William">`

Any metadata element may be omitted or repeated.

When repeating elements, it is recommended best practice to list each element definition separately, as in:

- `<meta name="DC.Creator" CONTENT="Woodward, Bob">`
- `<meta name="DC.Creator" CONTENT="Bernstein, Carl">`

It is also valid to express repeated elements using a single NAME attribute with multiple semi-colon delimited values for the CONTENT attribute, as in:

- `<meta name="DC.Creator" CONTENT=" Woodward, Bob; Bernstein, Carl ">`
How does it relate?

- Cataloging IS metadata
  - Data about data
  - Library metadata is used to aid
    - Identification
    - Description
    - Location of library materials
Change in how we think
Change in how we think
Metadata and cataloging

- Technical services librarians
  - From catalogers
  - To metadata librarians
Cataloging experience

Authority control

Performing original and copy cataloging
Metadata and cataloging

- **metadata record**
  - a set of attributes, or elements, necessary to describe a resource
  - content, structure, context

- **the library catalog**
  - contains a set of metadata records
  - elements describe a book or other library item using author, title, date of creation or publication, subject coverage, and the call number which specifies the location of the item
Metadata concepts

- Record and manage digital objects
  - Content
  - Structure
  - Context
Digital objects anatomy

- **Content**
  - Informational substance of the object.

- **Structure**
  - Technical characteristics of the objects
  - Presentation, appearance, display

- **Context**
  - Information outside the object which provides
    - Illumination or understanding about it
    - Or assigns meaning to it
What are information resources, electronic records, and digital objects?

- **information resources**
  - the content of your information technology projects
  - data, information, records, images, digital objects, etc.

- **electronic record**
  - a specific type of digital object
  - has unique characteristics described by archivists and records managers
What are information resources, electronic records, and digital objects?

- Types of digital objects:
  - e-mail
  - spreadsheets
  - PowerPoint presentations
  - web pages
  - word processing documents
  - digital images
  - databases
  - Portable Document Format (PDF) files
  - ...and many more
Understanding information objects

- Content, Context, and Structure are the necessary components to help us understand
  - what an information object is
  - what it’s worth
Cataloging = creating records to represent library materials
The linkage between metadata record and the resource it describes may be
- the metadata embedded in the resource itself (CIP), or
- elements contained in a record separate from the item (catalog record)
Metadata as a tool to...

- capture definitions of digital objects
- describe your digital objects, information resources, and electronic records
- detail how you should manage them
Linked data
Linked data

- Data not text
- Identifiers for things
- Statements, not records
- Machine-readable schema
- Machine-readable lists
- Open access on the Web
Data and text

When, in the course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the laws of nature and of nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable rights, that among these are life, liberty and the pursuit of happiness.
Data vs. text

- Machine readable
- Machine actionable
- Computable

- Human readable
- Natural language
- Ambiguous
Dublin Core and linked data

As of July 2014
Linked data–RDF “triple”
Linked data--RDF triple example

Subject: Mary
Predicate: plays
Object: the violin

Subject: Mary
Predicate: dislikes
Object: thunder

Subject: the violin
Predicate: is a
Object: musical instrument
Semantic Web
Linked data and the Semantic Web

- The Semantic Web
  - isn't just about putting data on the web
  - is about making links
  - allows for exploration of the web of data

- linked data
  - when you have some of it, you can find other, related, data

From https://www.w3.org/DesignIssues/LinkedData.html
Semantic Web

- Refers to World Wide Web Consortium (W3C) vision of the Web of linked data
- a Web of data
  - Dates
  - Titles
  - part numbers
  - chemical properties
  - any other data one might conceive of
- RDF provides the foundation for publishing and linking data
- Various technologies allow you to embed data in documents, expose what you have in databases, or make it available
Semantic web technologies

- enable people to
  - create data stores on the Web
  - build vocabularies
  - write rules for handling data

- Linked data are empowered by such technologies
  - RDF
  - SPARQL
  - OWL
  - SKOS
Linked data

- The Wonderful Wizard of Oz
- L. Frank Baum
- Sky Island
- The Wiz
- adapted as musical
- adapted by
- Noel Langley
- published by
- George M. Hill Company
- book by
- William F. Brown
- date of publication
- 1900
- made into movie
- MGM
Linked data principles

- Use URIs (Uniform Resource Identifier) as names for things
- Use HTTP URIs so that people can look up those names
  - URLs
  - ftp: ormailto: or file:
- When someone looks up a URI, provide useful information (RDF—resource description framework)
- Include links to other HTTP URIs so that they can discover more things
Linked data and libraries

- Transforms library data
- Becomes more readily searchable
- Libraries can integrate outside data into what’s already there
- Reuse library data to create new applications
- Different functions in library can more easily share data so searches are more integrated (ILMS and ERMS and databases, etc.)
Linked data in the wild

- Dbpedia
- OpenLibrary
- WorldCat Identities
- VIAF (Virtual International Authority File)
- Open Research Online
Open Library is yours to borrow, read & describe.

Books to Read  The world’s classic literature at your fingertips. Over 1,000,000 free ebook titles available.

Books to Borrow  Here’s a sample of recently returned books from the eBook lending library.
Heather Graham

15 March 1953 -

Heather Graham was born on March 15, 1953 and grew up in Dade County, Florida, and attended the University of South Florida at Tampa, majoring in theater arts and touring Europe and parts of Asia and Africa as part of her studies. After college, she acted in dinner theaters, modeled, waitressed, and tended bar. She married Hershey Dennis Possomoro, and after the birth of her third child, she was determined to devote her efforts to her writing and her dreams. She sold her first book in 1982.

Today, this author's success is reflected not just by reader response and the over 20 million copies of her books in print, but in many other ways. In addition to being a New York Times bestselling author, Heather has received numerous awards for her novels, including over 20 trade awards from magazines such as Romantic Times and Affaire de Coeur, bestseller awards from B. Dalton, Waldenbooks, and BookRak, and several Readers' Choice and People's Choice awards.

Heather has appeared on Entertainment Tonight, Romantically Speaking, a TV talk show that aired nationwide on the Romance Classics cable channel, and CBS Sunday News. She has been quoted in People and USA Today, been profiled in The Nation, and featured in Good Housekeeping. Her books have been selections for the Doubleday Book Club and the Literary Guild. She has been published across the world in more than 15 languages and has published over 70 titles, including anthologies and short stories.

Now, she had five children. Somehow, this prolific author manages to juggle it all — family, career, and marriage — while reaching a level of success to which few can aspire.

153 works Add another
PEOPLE
Linked data example

[Image of a webpage from OCIC WorldCat Identities showing a list of top 100 identities]
Dostoyevsky, Fyodor 1821-1881

Overview

Works: 12,182 works in 44,000 publications in 52 languages and 441,233 library holdings

Genres: Fiction, History, Political fiction, Psychological fiction, Domestic fiction, Criticism, interpretation, etc, Didactic fiction, Historical fiction, Diaries, Suspense fiction

Subject Headings: Authors, Russian

Roles: Author, Bibliographic antecedent, Other, Dedicatedee, Editor, Creator, Lyricist, Honoree, Contributor, Illustrator, Translator, fo, Artist, Librettist, Adapter, Recipient, Conceptor, Performer, Author of introduction, Collaborator, zxx, Composer

Classifications: PG3326,

Publication Timeline

Most widely held works about Fyodor Dostoyevsky

- Dostoevsky, a collection of critical essays by René Wellek (Book)
- Dostoevsky by Joseph Frank (Book)
- Best short stories by Fyodor Dostoyevsky (Book)
- Dostoevsky by Joseph Frank (Book)
Defining electronic records

- Data, information, knowledge
- Data, format, application
Data
Information
Knowledge
Metadata in use

- links records
- creates associations and relationships between items and users
- organizes and tracks the digital lifecycle of information resources, electronic records, and digital objects
Metadata as a tool

- Description
- Discovery
- Evaluation
- Management
Metadata exercise
Metadata examples
Metadata in action in NY
Metadata summary

- Digital objects
- Metadata is used for...
  - Description
  - Discovery
  - Evaluation
  - Management
- Metadata is a tool
- Content, Structure, Context
- Linked data
Questions?
RDA

Resource Description and Access
RDA

- Fundamentally different than AACR2
  - Focus on content first
  - Carrier/format is second
- Cultivates relationships
- Guidelines rather than rules
- Goal—> *enhancing user access*
Recording and transcribing in RDA

Difference between recording and transcribing elements

- Recorded elements: the found information is often adjusted
- Transcribed elements: the data is accepted as found on the resource (no “corrections” made)
A catalog’s objectives are:

- **Finding (locate)**
  - A single specific resource

- **Collocating (sets of resources)**
  - All resources belonging:
    - to the same work
    - to the same expression
    - to the same manifestation
  - on a given subject
  - sharing some specific characteristic (language, place of publication, date, etc.)
  - All the works and expressions of a person, corporate body, or family
No more abbreviations or Latin terms!

<table>
<thead>
<tr>
<th>AACR2</th>
<th>RDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>p.</td>
<td>pages</td>
</tr>
<tr>
<td>ca.</td>
<td>approximately</td>
</tr>
<tr>
<td>i.e.</td>
<td>that is</td>
</tr>
<tr>
<td>acc.</td>
<td>accompanied</td>
</tr>
<tr>
<td>unacc.</td>
<td>unaccompanied</td>
</tr>
<tr>
<td>arr.</td>
<td>arranged</td>
</tr>
<tr>
<td>ill.</td>
<td>illustrations</td>
</tr>
<tr>
<td>col.</td>
<td>color</td>
</tr>
<tr>
<td>facsim.</td>
<td>facsimile</td>
</tr>
<tr>
<td>ed.</td>
<td>edition</td>
</tr>
<tr>
<td>s.l.</td>
<td>[place of publication not identified]</td>
</tr>
<tr>
<td>s.n.</td>
<td>[publisher not identified]</td>
</tr>
<tr>
<td>n.d</td>
<td>[date of publication not identified]</td>
</tr>
<tr>
<td>ACR2</td>
<td>RDA</td>
</tr>
<tr>
<td>----------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Heading</td>
<td>Access point</td>
</tr>
<tr>
<td>Authorized heading</td>
<td>Authorized access point</td>
</tr>
<tr>
<td>Author</td>
<td>Creator</td>
</tr>
<tr>
<td>Artist</td>
<td>Creator</td>
</tr>
<tr>
<td>Composer</td>
<td>Creator</td>
</tr>
<tr>
<td>Main entry</td>
<td>Preferred title or authorized access point for creator + preferred title</td>
</tr>
<tr>
<td>Uniform title</td>
<td>Preferred title and any differentiating info OR a conventional collective title, such as Works; Symphonies; Poems</td>
</tr>
<tr>
<td>See reference</td>
<td>Variant access point</td>
</tr>
<tr>
<td>See also reference or added entry</td>
<td>Authorized access point for related entity</td>
</tr>
<tr>
<td>Authority control</td>
<td>Access point control</td>
</tr>
<tr>
<td>Chief source of information</td>
<td>Preferred source of information</td>
</tr>
</tbody>
</table>
Physical description

- Terms for types of carriers used in the extent are modified
- The word sound is discontinued to avoid confusion with content

<table>
<thead>
<tr>
<th>AACR2</th>
<th>RDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>sound cartridge</td>
<td>audio cartridge</td>
</tr>
<tr>
<td>sound disc</td>
<td>audio disc</td>
</tr>
<tr>
<td>sound cassette</td>
<td>audiocassette</td>
</tr>
<tr>
<td>sound tape reel</td>
<td>audio tape</td>
</tr>
<tr>
<td>sound track film reel, [cassette, etc.]</td>
<td>sound-track reel</td>
</tr>
</tbody>
</table>
Corporate entries

- Abbreviations
  - Spell out Dept.
  - This rule was included in AACR2 but not applied
Bible and Koran

- Change in heading
  - ‡p O.T. and ‡p N.T. removed from between Bible and ‡p name of the individual books
  - For the whole Old and New Testaments, spell out
    - Old Testament, not O.T.
    - New Testament, not N.T.
  - Qur'an replaces Koran
Authors (now Creators)

- 100 Personal author/creator main entry
  - entry under first author (creator)
  - does not matter how many authors/creators are listed
  - only one author/creator can go into the 100 field
  - any additional creators can go into 700 fields
There is no required correlation between authors transcribed in 245, 500, 505, 508, or 511 and authors with access points

- May have untraced authors in the description
- Unjustified author added entries

There is no minimum number of authors which must be transcribed and traced

Noun phrase associated with the author is included in ‡c

- 245 10 ‡a Burr / ‡c a novel by Gore Vidal
- 245 10 ‡a Burr : ‡b a novel / ‡c Gore Vidal
# Statement of responsibility

<table>
<thead>
<tr>
<th>AACR2</th>
<th>RDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>245 10  ‡a Engaging students : ‡b librarians and reference / ‡c [by Ja’millia Mbizi, Shivra Piazanata, Liara T’Soni].</td>
<td>245 10  ‡a Engaging students : ‡b librarians and reference / ‡c by Ja’millia Mbizi, Shivra Piazanata, Liara T’Soni.</td>
</tr>
<tr>
<td>Statement of responsibility taken from the verso of the title page</td>
<td>Only sources taken from outside of the resource itself are enclosed in square brackets</td>
</tr>
<tr>
<td>AACR2</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>245 10 ‡a Sci-fi pioneers / ‡c edited by Miranda Lawson ; forward by Robert Heinlein</td>
<td></td>
</tr>
<tr>
<td>245 10 ‡a Fine cuisine at 35,000 feet / ‡c by Karin Chakwas ; edited by Mordin Solus.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>245 10 ‡a Sci-fi pioneers / ‡c edited by Miranda Lawson ; forward by the late Robert Heinlein</td>
</tr>
<tr>
<td>245 10 ‡a Fine cuisine at 35,000 feet / ‡c by the Reverend Karin Chakwas ; edited by Dr. Mordin Solus.</td>
</tr>
</tbody>
</table>

**Omit titles and extraneous information**

**Transcribe everything written including titles, etc.**
Edition

- Transcribe rather than abbreviate
- 250 ‡a Fourth edition
- Only use abbreviations if in the item
- May result in the double periods after an abbreviation, such as "ed.."
Publication information changes

- No more 260 field
- Now use 264 for
  - Production
  - Publication
  - Distribution and/or manufacturer
- 264 _1 Publication statement [most common]
- 264 _2 Distribution statement
- 264 _3 Manufacturer statement
- 264 _4 ¤c Copyright date.
Copyright year

- Use the copyright © and phonogram ® signs
- Alternatively, spell out copyright and phonogram (not c or p)
Bibliography and index note

- 504 ‡a Includes bibliographic references (pages 210-215) and index replaced with two fields
- 500 ‡a Includes index
- 504 ‡a Bibliography: pages 210-215
Person as added entry/access point

- 700 field
- Required to transcribe
  - the first author
  - translator of poetry
  - illustrator of children's material
- However, you CAN add entries for all authors rather than just the 2nd and 3rd
### Personal Name Access Points—Qualifiers

<table>
<thead>
<tr>
<th>AACR2</th>
<th>RDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vakarian, Garrus, ‡cRev.</td>
<td>Vakarian, Garrus, ‡c(Clergyman)</td>
</tr>
<tr>
<td>Vakarian, Garrus, ‡cflutist</td>
<td>Vakarian, Garrus, ‡c(Flutist)</td>
</tr>
<tr>
<td>Vakarian, Garrus, ‡cCaptain</td>
<td>Vakarian, Garrus, ‡c(Solder) OR</td>
</tr>
<tr>
<td></td>
<td>Vakarian, Garrus [undifferentiated]</td>
</tr>
<tr>
<td>Vakarian, Garrus, ‡c(Notary)</td>
<td>Vakarian, Garrus, ‡c(Notary) OR</td>
</tr>
<tr>
<td></td>
<td>Vakarian, Garrus [undifferentiated]</td>
</tr>
<tr>
<td>Vakarian, Garrus, ‡cComposer</td>
<td>Vakarian, Garrus, ‡c(Composer)</td>
</tr>
</tbody>
</table>
Personal Name Access points--Family

- Concept of family
  - New with RDA
  - Previously family was treated and established as subject headings

<table>
<thead>
<tr>
<th>Type of family</th>
<th>Windsor (Royal house)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date associated with family</td>
<td>Nayak (Dynasty : ‡d 1529–1739)</td>
</tr>
<tr>
<td>Place associated with family (if necessary to distinguish)</td>
<td>Smythe (Family : ‡d 1745-1995 : ‡c Providence, R.I.)</td>
</tr>
<tr>
<td>Prominent member of the family (if necessary to distinguish)</td>
<td>Maxwell (Family : ‡g Maxwell, John Lambert, 1837-1905)</td>
</tr>
</tbody>
</table>
Personal Name Access Points—Fictitious Persons

Fictitious persons can be authors

100 1_ ‡a Holmes, Sherlock, ‡c (Fictitious character), ‡e author
245 14 ‡a The autobiography of Sherlock Holmes / ‡c by Sherlock Holmes ; edited by Don Libey, S.H.S.L.

100 1_ ‡a Bach, P.D.Q. , ‡c (Fictitious character), ‡e author
245 10 ‡a 1712 overture : ‡b for rather large orchestra / ‡c P.D.Q. Bach ; festively edited by Peter Schickele.
700 1_ ‡a Schickele, Peter
Personal names—Real non-human entities

100 10 ‡a Bo ‡c (Presidential pet)
245 10 ‡a Bo confidential : ‡b the secret files of America's First Dog / ‡c by Bo, as told to the editors of MAD Magazine ; illustrations by Tom Richmond.
700 10 ‡a Richmond, Tom, ‡e illustrator
730 0_ ‡a Mad (New York, N.Y. : 1958).
Personal names--Pseudonyms

- Very similar to AACR2
- If:
  - the preferred name or names for an individual are pseudonyms
  - the individual does not use his or her real name as a creator or contributor
  - use the pseudonym as the preferred name

<table>
<thead>
<tr>
<th>Preferred name</th>
<th>Real name not used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woody Allen</td>
<td>Allen Stuart Konigsberg</td>
</tr>
<tr>
<td>50 Cent</td>
<td>Curtis Jackson</td>
</tr>
<tr>
<td>George Orwell</td>
<td>Eric Arthur Blair</td>
</tr>
</tbody>
</table>
Instead of GMD …..

<table>
<thead>
<tr>
<th>AACR2</th>
<th>RDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>245 00 Star Wars ‡h [videorecording]</td>
<td>245 00 Star Wars</td>
</tr>
<tr>
<td>336 __ two-dimensional moving image</td>
<td>2 rdacontent</td>
</tr>
<tr>
<td>337 __ video</td>
<td>2 rdamedia</td>
</tr>
<tr>
<td>338 __ videodisc</td>
<td>2 rdacarrier</td>
</tr>
</tbody>
</table>

336 content (what it is)
337 media (device type needed)
338 carrier (container)
336 Content type

- computer program
- spoken word
- still image
- text
- performed music
337 Media type

- 2rdamedia except for “electronic” -- 2isbdmedia
  - audio
  - electronic
  - microscopic
  - projected
  - stereographic
  - unmediated
  - video
## 338 Carrier type

- **2rdacarrier**

<table>
<thead>
<tr>
<th>Audio carriers</th>
<th>Electronic carriers</th>
<th>Microform carriers</th>
<th>Projected image carriers</th>
<th>Video carriers</th>
</tr>
</thead>
<tbody>
<tr>
<td>audio cartridge</td>
<td>computer card</td>
<td>microfiche</td>
<td>film cassette</td>
<td>videotape</td>
</tr>
<tr>
<td>audio disc</td>
<td>computer disc</td>
<td>microfilm reel</td>
<td>film reel</td>
<td>videodisc</td>
</tr>
<tr>
<td>sound-track reel</td>
<td>online resource</td>
<td>microfilm roll</td>
<td>filmstrip</td>
<td>video cartridge</td>
</tr>
<tr>
<td>audiocassette</td>
<td>other</td>
<td>microfilm slip</td>
<td>overhead transparency</td>
<td>videotape reel</td>
</tr>
<tr>
<td>other</td>
<td>other</td>
<td>other</td>
<td>slide</td>
<td>other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stereographic carriers</th>
<th>Unmediated carriers</th>
<th>Unmediated carriers</th>
<th>Unspecified</th>
</tr>
</thead>
<tbody>
<tr>
<td>stereograph card</td>
<td>card</td>
<td>sheet</td>
<td></td>
</tr>
<tr>
<td>stereograph disc</td>
<td>object</td>
<td>volume</td>
<td></td>
</tr>
<tr>
<td>other</td>
<td>roll</td>
<td>other</td>
<td></td>
</tr>
</tbody>
</table>
RDA in more detail
Desc
010  2010921502
040  DLC +e rda +h eng +c DLC +d LKR +d DAD +d BTCTA +d IFK +d ORX +d T7B +d VP@
019  318873320
020  9781434764782 (pbk.)
020  1434764788 (pbk.)
Ankara Üniversitesi Güneydoğu Avrupa Çalışmaları Uygulama ve Araştırma Merkezi dergisi: GAMER.

Journal of the Center for Southeast European Studies

Ankara Üniversitesi, 2012-

volumes; 24 cm

Semiannual

Text

unmediated

volume

Began with cilt 1, sayı 1 (2012).

Chiefly Turkish, with some English, French, or German.

Description based on: Cilt 1, sayı 1 (2012); title from title page.

Latest issue consulted: Cilt 1, sayı 1 (2012).
Café: *Orient meets Occident.*

Germany: *Berlin Classics,* [2012]

1 CD (61 min, 6 sec): digital; 4 3/4 in.

Sung primarily in Italian with two selections in Turkish.

Valer Barna-Sabadus, countertenor; Pera Ensemble; Mehmet C. Yesilcay, direction.

Recorded 2011 in CRR Istanbul.

Program notes in German with English translations and libretto in Italian and Turkish with German and English translations in container insert.


Music by 17th century.
000 040 | CST/DLC #e rda #b eng #c STF #d DLC #d BTCTA #d BDX #d OCLCO #d YDXCP #d ORX #d BWX #d IUL #d CDX #d ERASA
040
090 | #b
100 1 | Mieszkowski, Jan, #d 1968- #e author.
245 1 0 | Watching war / #c Jan Mieszkowski.
264 1 | Stanford, California : #b Stanford University Press, #c [2012]
264 4 | #c ©2012
300 | xi, 244 pages : #b illustrations ; #c 23 cm
336 | text #2 rdacontent
337 | unmediated #2 rdamedia
338 | volume #2 rdacarrier
504 | Includes bibliographical references and index.
505 0 | Introduction : watching war -- How to tell a war story -- The witness under fire -- Looking at the dead -- Visions of total war -- Conclusion :
<table>
<thead>
<tr>
<th>Cataloging Elements</th>
<th>Description</th>
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<tbody>
<tr>
<td>CST/DLC:</td>
<td>e rda staff</td>
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LC Control No.: 2010561669
LCCN Permalink: [http://lccn.loc.gov/2010561669](http://lccn.loc.gov/2010561669)
Type of Material: Printed Music
Personal Name: Corigliano, John (John Paul), 1938-
Main Title: Winging it : improvisations for piano / John Corigliano.
Description: 1 score (9, 6, 9 pages) ; 28 cm
Notes: Staff notation.
Duration: approximately 14 min.
Includes program note by the composer.
Subjects: Piano music.
LC Classification: M25 .C
Reproduction No./Source: G. Schirmer Rental Library Rental material
Content Type: notated music
Media Type: unmediated
Carrier Type: volume
Corigliano, John (John Paul), 1938-

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1 score (9, 6, 9 pages) : 28 cm

notated music
unmediated
volume

Staff notation.
Duration: approximately 14 min.
Includes program note by the composer.
Piano music.
RDA summary

- Brief background and history
- Changes
  - No abbreviations or Latin
  - Transcribe rather than record
  - NO GMD!!!
- Focus on connecting the user to the resources
Competencies

- IT fluency* (understanding of the concepts of information technology, especially applying problem solving and critical thinking skills to using information technology)
- A deeper understanding of where scholars turn for information (knowledge communities)

Competencies

- **IT skills**: technological skills (architecture), and building network environments
- **Research management**: knowledge about research environment and work (researcher)
- **Pedagogical skills**: these are for user education and information literacy
- **Social and communicative skills**: different communicational skills and marketing knowledge
- **Collection management skills**: as well as more generally information management
- **Other**: organization management knowledge about copyright, licenses and agreements
Competencies

- knowledge organization
- information
- customer services
- Technical skills
- e-resources
- Licenses
- social media
- economical skills (budgets)

- pedagogical skills (information literacy
- social competence
- systems development
- knowing the library user
- language skills
- digital collections, big data, metadata,
- project management

Roles of the cataloger

- Cataloger
- Practitioner of subject analyzing
- Practitioner of authority control
- Monitor of cataloging performance quality
- Interpreter of materials
- Collection and bibliographic record builder
- Indexer
- Regulator of cataloging policy, standard and procedure
- Compiler and organizer of digital resources/digital libraries/digital archives
- Knowledge organizer
- People who maintain databases and automation systems

From Wang, M. L. A study on competencies for cataloging librarians in web age.
Review and reflect
Was your question answered?


Metadata-related resources


Linked data sites

- Open Library: Open Research Online: [http://oro.open.ac.uk](http://oro.open.ac.uk)
- Open Metadata Registry: [http://metadataregistry.org/schema/show/id/5.html](http://metadataregistry.org/schema/show/id/5.html)
- Open Research Online: [http://oro.open.ac.uk](http://oro.open.ac.uk)
- WorldCat Identities: [https://www.worldcat.org/identities/](https://www.worldcat.org/identities/)
RDA Resources


Tools to assist you with RDA

- **RDA Toolkit**
  - Online subscription resource
  - [http://www.rdatoolkit.org/](http://www.rdatoolkit.org/)

- **RIMMF**
  - RDA in Many Metadata Formats
  - A free visualization tool to assist you to “think in RDA”
Future and cataloging resources


That's all.......