



# ELECTRONIC LITERATURE ORGANIZATION

*To facilitate and promote the writing, publishing, and reading of literature in electronic media.*

[ABOUT THE ELO](#) ▾

[MEMBERSHIP](#)

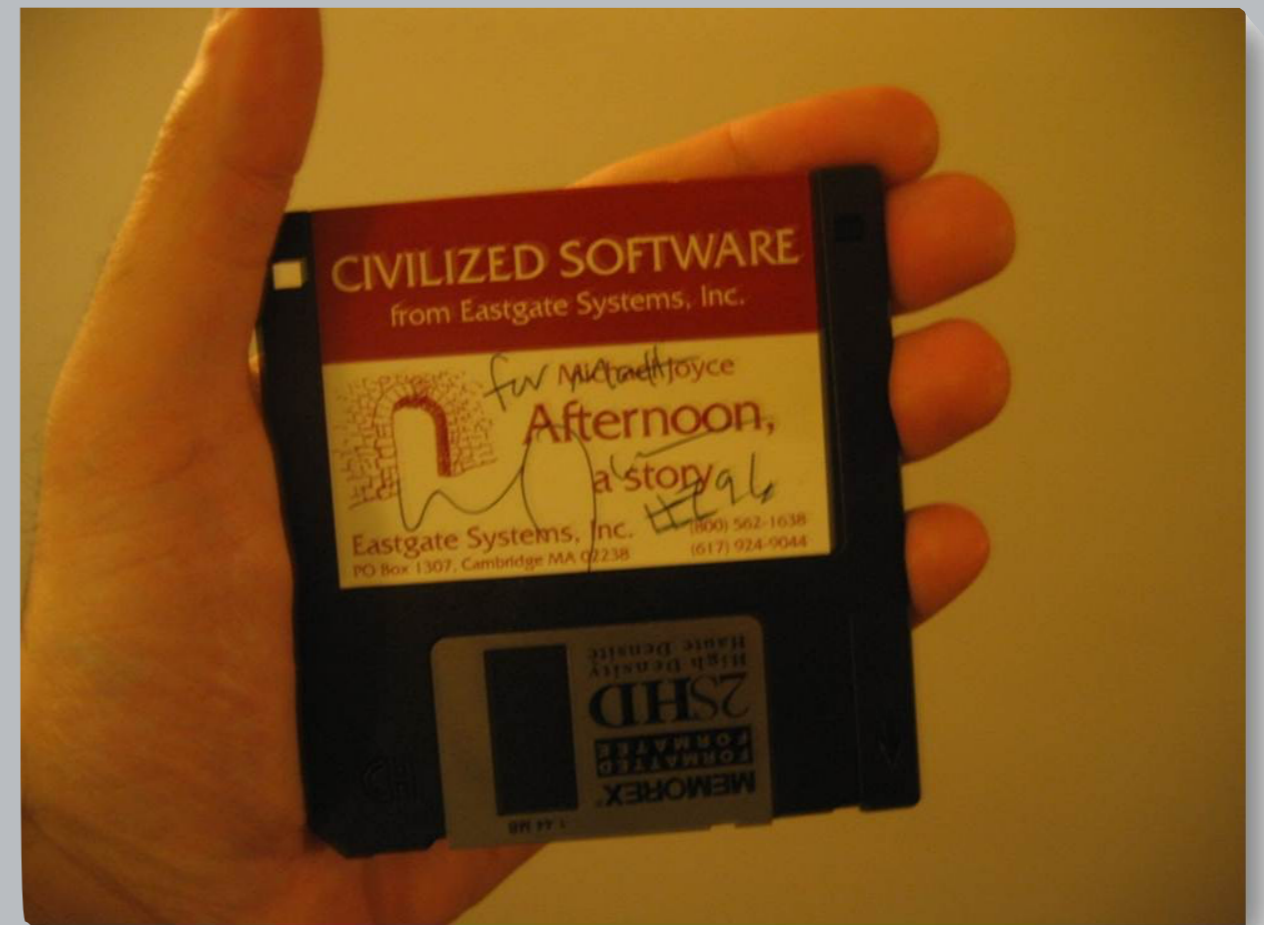
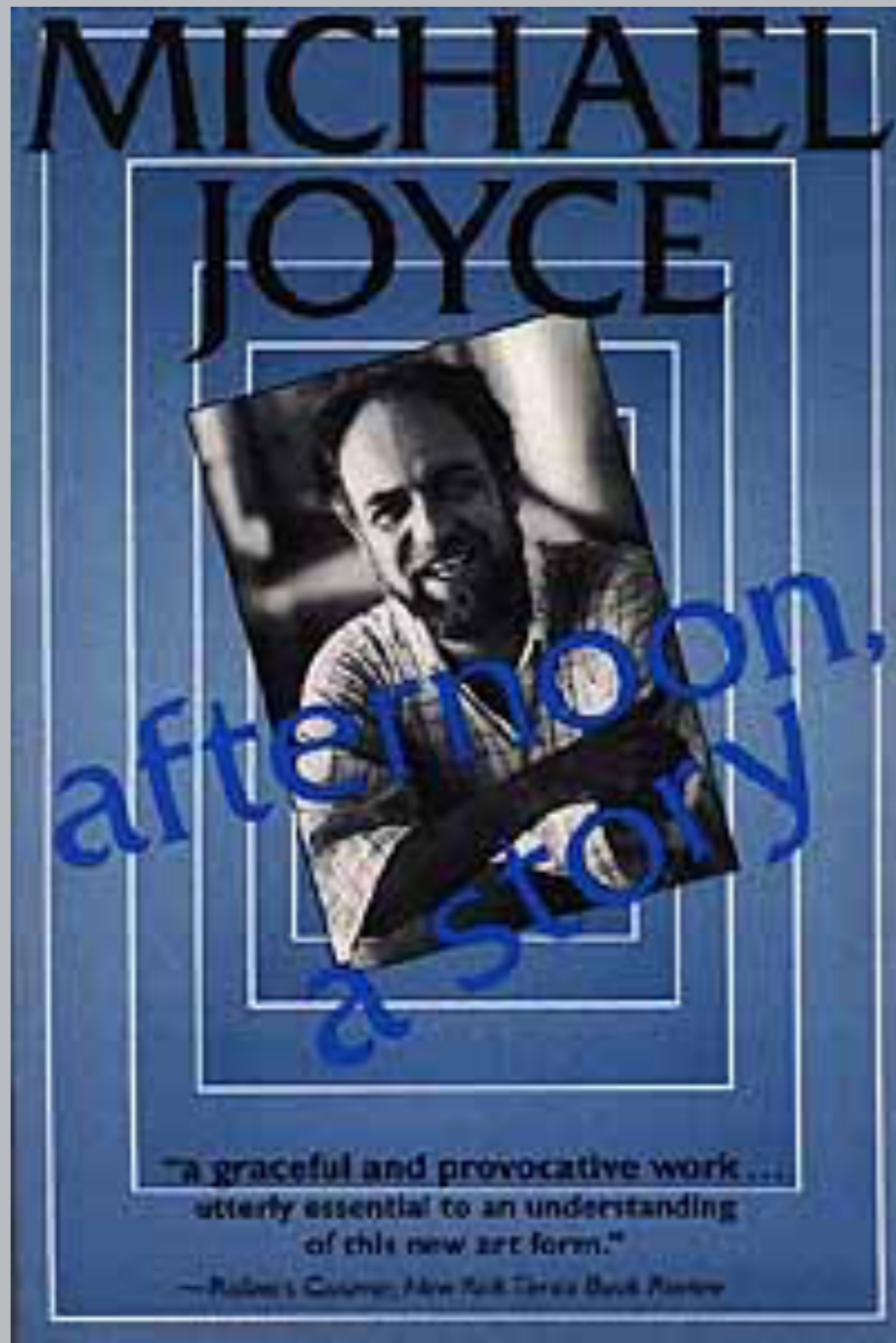
[CONFERENCE](#) ▾

[PRIZES](#)

[PROJECTS](#) ▾

[NEWS & UPDATES](#) ▾

## WELCOME TO THE ELO



Michael Joyce, *afternoon: a story*, 1990, Eastgate Systems, Inc.



**Shelley Jackson, *Patchwork Girl*, 1995, Eastgate Systems, Inc.**

# Electronic Literature Organization Repository

## Welcome to the Electronic Literature Organization Repository

In an effort to preserve works of electronic literature, ELO has developed the ELO Repository that collects and/or manages online journals, works of electronic literature, community archives, and other digital materials for other organizations and makes them available to the public. Partnering with us in this endeavor is the [Electronic Textual Cultures Lab](#) at the University of Victoria and [Compute Canada](#) as well as Washington State University Vancouver's [Electronic Literature Lab](#) and the university library.

Peruse the collections by clicking on the images in the carousel below.

 **turbulence**  
COMMISSIONING AND SUPPORTING  
NET | WEB | HYBRID ART SINCE 1996




### turbulence.org

Begun in 1996 by Jo-Anne Green and Helen Thorington, *Turbulence.org* was one of the premiere sites that supported media art. Found in the ELO Repository are the 356 works commissioned and exhibited over the last decade.

[View Project](#)

**ELO Repository, [elo-repository.org](http://elo-repository.org)**

 turbulence

lines

ages

fathers

harpoons

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angels

trees

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shreds

fleeces

hospitals

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Turbulence.org

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shake

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lo

# frAme

The Culture & Technology Journal

Issue



The frAme Journal of Culture & Technology is published by the trAce Online Writing Centre at The Nottingham Trent University, England. It appears twice a year.

ISSN: 1470-2134

Editors: 2001

#6 Simon Mills, Sue Thomas & Helen Whitehead  
#5 Christy Sheffield Sanford

2000

#4 Christy Sheffield Sanford  
#3 Simon Mills & Sue Thomas

1999

#2 Simon Mills & Sue Thomas  
#1 Simon Mills & Sue Thomas

frAme is published by:  
trAce Online Writing Centre  
Nottingham Trent University  
Clifton Lane  
Nottingham NG11 8NS  
ENGLAND  
Tel: +44 (0)115 8486360  
Fax: +44 (0)115 8486364

Please direct any enquiries to Jill Pollicott at [trace@ntu.ac.uk](mailto:trace@ntu.ac.uk)

ISSN:  
1470-2134



*The contact information on this page is outdated but has been retained for its historical context.*



**frAme: The Culture & Technology Journal, 1999-2001**  
**<http://elo-repository.org/trace/frame>**



**Regina Pinto's *The Museum of the Essential and Beyond That*  
<http://elo-repository.org/trace/museum>**

1. *Turbulence.org*: 356 works of e-lit and Internet art, most now accessible, commissioned by founder Helen Thorington and Jo-Anne Green.

2. trAce Online Writing Centre: Works by approximately 24 e-lit authors from literary competitions and its journal (*frAme*) relating to this influential UK organization founded by media theorist Sue Thomas, 1995-2005.

3. ELO's video collection of readings and performances by 10 authors at ELO events, circa 1999-2006; production files of *Electronic Literature Collections*, Volumes 1-3, amounting to 235 works.

4. *Pathfinders*: 104 video clips, 204 digital images, and three audio files, as well as all raw files relating to this documentation project of four pioneering authors, funded by the National Endowment for the Humanities, covering the period of production of the project, 2013-2015.

5. *BeeHive Hypertext/Hypermedia Journal*: Digital files from all five volumes that published electronic literature and criticism from 1998 to 2002.

6. Individual artists' archives: E-lit and digitized materials (e.g. manuscripts, publishing contracts, art) by artists Sarah Smith, David Kolb, Jeremy Hight, Alan Sondheim, and others.

7. N. Katherine Hayles' personal collection of 56 rare floppy disks and CD-ROMs published by the Voyager Company and other publishers as well as self-published works by electronic literature artists.


8. *The Museum of the Essential and Beyond That*: 303 works by international artists curated by Regina Pinto.





Electronic Literature Lab





electronic literature lab



Lust - Mary-Kim

by Jackson, Patchwork C

Mark Bernstein, Those Trojan Girls

Maria Engberg et al, Anthology of European Electronic Literature

afternoon: a story

# Thank you

**Dene Grigar, PhD**  
**Professor & Director, Electronic Literature Lab**  
**Washington State University**  
**President, Electronic Literature Lab**



## Acid-Free Bits

Recommendations for Long-Lasting Electronic Literature

v1.0 June 14, 2004

By Nick Montfort and Noah Wardrip-Fruin



The Electronic Literature Organization

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## Born-Again Bits

A Framework for Migrating Electronic Literature

v1.1 August 5, 2005

By Alan Liu, David Durand, Nick Montfort, Merrilee Proffitt, Liam R. E. Quin, Jean-Hugues Réty,  
and Noah Wardrip-Fruin

Alan Liu (UC Santa Barbara)  
David Durand (Ingenta and Brown University)  
Nick Montfort (University of Pennsylvania)  
Merrilee Proffitt (Research Libraries Group)  
Liam R. E. Quin (W3C)  
Jean-Hugues Réty (Université de Paris 8)  
Noah Wardrip-Fruin (Brown University)

## Coping with Bits

Best Practices for Preserving, Archiving, and Documenting Born Digital Media

Volume 3, 2019

by Dene Grigar, Leonardo Flores, Abby Adams, and Nicholas Schiller

# Coping with Bits:

*An Archivist's Perspective*

Abby R. Adams

Harry Ransom Center

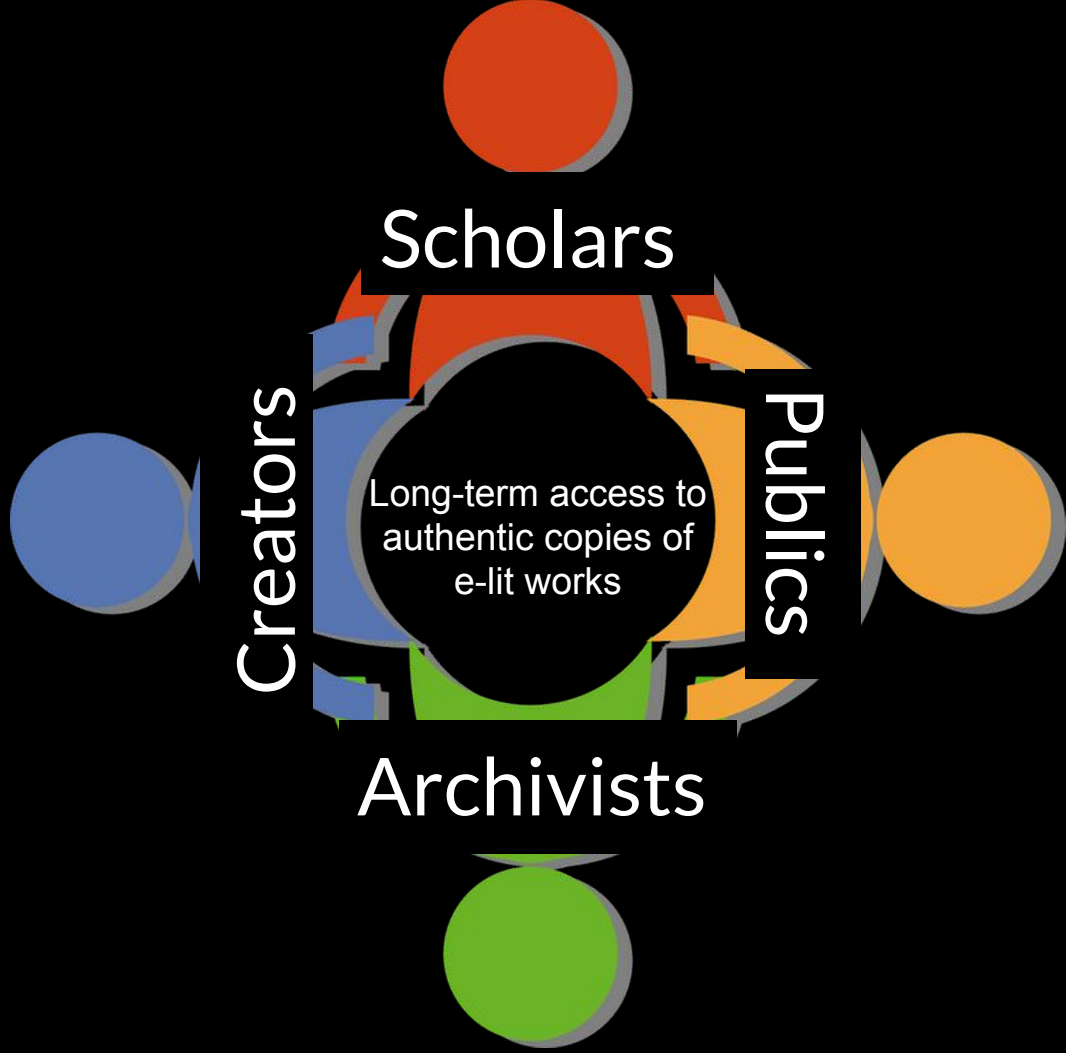
University of Texas at Austin

abby.adams@austin.utexas.eu

@digarchivist

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|



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**Existing Archival Practices  
MUST Evolve to Meet the Needs  
of Born-Digital Content**



# Challenges

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- Born-digital works often not ‘published’ like print materials.
- Cataloging methods were designed for published analog works.
- Authorization of new authority records and metadata elements takes **time...**
- Archives often view hypertext works and net art as out of scope.
- Most archival repositories aren’t providing access to born-digital materials.

# COPING WITH BITS

*Building A Comprehensive Online Portal for Electronic Literature Works (COPE)*

## Metadata Hurdles

- Name authorities
- Roles
- CELL → MODS

## Solutions

- Collaboration
- Wikidata
- Rhizome

# Authority Records

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- Controlled vocabularies, bibliographic control
- Establish **consistency** in names across catalogs of bibliographic data.
- Reduces the number of variances between names to one unique entry or official authorized **heading**.
- Examples of name authority files online:
  - Library of Congress Name Authority File (LCNAF)
  - Virtual International Authority File (VIAF)
  - Getty Union List of Artist Names (ULAN)


### Search

Select Field:  Select Index:  Search Terms:

All VIAF

Montfort, Nick 

Montfort, Nick 1972-.... 


Nick Montfort informaticien américain 

VIAF ID: 91215644 (Personal)

Permalink: <http://viaf.org/viaf/91215644>

#### Preferred Forms


-  200 1 \_ |\_ta Montfort #b Nick #f 1972-....
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick
-  100 1 \_ |\_ta Montfort\_Nick #d (1972-)
-  100 1 \_ |\_ta Montfort\_Nick #d (1972-)
-  100 0 \_ |\_ta Nick Montfort #c informaticien américain
-  100 0 \_ |\_ta Nick Montfort #c informaticien américain

 4xx's: Alternate Name Forms (2)

#### Works

4445: PREFERRED NAME FORMS (2)

400 0 \_ |\_ta Nick Montfort #c American computer scientist 

400 0 \_ |\_ta Nick Montfort #c Amerikaans informaticus 

#### Works

Show  entries

##### Title

10 PRINT CHR\$(205.5+RND(1));:GOTO 10, c2013:

2x6

[World clock](#)

[Exploratory programming for the arts and humanities](#)

Acid-free bits : recommendations for long-lasting electronic literature from the ELO's preservation, archiving and dissemination (PAD) project

Implementation : a novel

Interactive digital narrative : history, theory and practice

Materialność twórczego programowania

NewMediaReader

Odkrywanie kodu : wprowadzenie do programowania w sztuce i humanistyce

Showing 1 to 10 of 18 entries

#### Selected Co-authors

1. Wardrip-Fruin, Noah 1972-.... (12) 
2. Bogost, Ian (12) 
3. Crumpton, Michael (9) 
4. MIT Press (6) 
5. Murray, Janet Horowitz 1946-....) (5) 
6. Manovich, Lev (5) 
7. Korporacja Ha!art (4) 
8. ebrary, Inc (3) 
9. Marecki, Piotr 1976- ) (3) 
10. Rettberg, Scott, 1970- (2) 

abe linkoln  
Adam Nash  
Adam Trowbridge  
ajaykumar  
Ali Miharbi  
Allison Parrish  
Amit Pitaru  
Andrew Lyman  
Andy Deck  
Angie Eng  
Anna Pinkas  
Annette Weintraub  
Annie Abrahams

Ars Virtua  
Beatriz da Costa  
BFFA3AE  
Brad Kilgerman  
Brenda Nielson  
Brooke A. Knight  
Brooke Singer  
Burak Arikan  
Caryn Heilman  
Cat Mazza  
Chris Mann  
Christian Croft  
Claudia Bernett

Curt Cloniger  
Dan Phiffer  
Daniel C. Howe  
David Crawford  
Diane Bertolo  
Diane Ludin  
Doron Golan  
Eli Keszler  
Sadie Hatfield  
Eric Riel  
Eryk Salvaggio  
Esmeralda Kosmatopoulos  
Francis Hwang

## MARC Code List for Relators

### Term Sequence

List identifier: marcrelator

#### Arrangement of the List

In the Term Sequence, the relator terms are listed alphabetically. A listing by code is provided in a separate Code Sequence list. An entry for a term to which a code has been assigned is followed by a list of its variants. The first type of variant term is preceded by the symbol UF ("used for"). For example:

**Expert [exp]**  
Use for a person or organization in charge of the description and appraisal of the value of goods, particularly rare items, works of art, etc.  
UF Appraiser

The UF terms are included in the list as references, but are not in boldface. The entry under the term referred to must be consulted to determine the code. For example:

Appraiser  
USE Expert

Entries may also include a note in [brackets] explaining a change in the use of codes. For example:

Graphic technician  
USE Artist  
*[Relator term "Graphic technician" (coded [grt]) used before March 1988 only.]*

**Abridger [abr]**  
A person, family, or organization contributing to a resource by shortening or condensing the original work but leaving the nature and content of the original work substantially intact.

**Actor [act]**  
A performer contributing to an expression of a work by acting as a cast member or player in a musical or dramatic presentation, etc.

**Adapter [adp]**  
A person or organization who 1) reworks a musical composition, usually for a different medium, or 2) rewrites novels or stories for motion pictures or other audiovisual media.

**Addressee [rcp]**  
A person, family, or organization to whom the correspondence in a work is addressed  
UF Recipient

**Analyst [anl]**  
A person or organization that reviews, examines and interprets data or information in a specific area

**Animator [anm]**  
A person contributing to a moving image work or computer program by giving apparent movement to inanimate objects or drawings. For the creator of the drawings that are animated, see artist

**Annotator [ann]**  
A person who makes manuscript annotations on an item

**Appellant [apl]**  
A person or organization who appeals a lower court's decision

**Appellee [ape]**  
A person or organization against whom an appeal is taken

**Applicant [app]**  
A person or organization responsible for the submission of an application or who is named as eligible for the results of the processing of the application (e.g., bestowing of rights, reward, title, position)

Appraiser  
USE Expert

Architect [arc]

Key roles for born-digital works are missing, such as:

- 3D Modeler
- UX/UI Designer
- Programmer



Home

## Taxonomies definition

The rapid growth of the field of electronic literature calls for definition, or for an orientation which will contri... The categorization that is generated by the elaboration of taxonomies for the CELL project contributes to th... ongoing process that will grow over time by refining and multiplying categories.

In the most basic sense, taxonomies are a way of grouping things. Taxonomies are designed to be an onli... an underlayer of semantization meant to qualify data. They are complementary to the search engine and e... the search engine can then be filtered by the classification system conceived for the CELL.

As a result, the categories used in CELL emerged from the works of electronic literature themselves: since... project have tagged content using terms to describe an evolving object - the work of electronic literature. T... into more neutral and descriptive categories that could be used throughout the field.

All the projects regrouped under the CELL project address electronic literature works from distinctive point... for the works in their database through taxonomies that are specific to their research orientation. The obje... orientations to come up with a general and common classification that... elaborated from an inductive approach based on the previous categori...

### Publication Type(s)

The publication type is the means and channels by which a w...

Terms of the vocabulary

### Procedural Modality(ies)



# MODS

## Metadata Object Description Schema

[Official Web Site](#)

- [MODS Schemas and Outline](#)
- [MODS Conversions](#)  
mappings, stylesheets
- [MODS Guidance](#)  
guidelines, note types, examples, source lists
- [MODS and MADS Design Principles](#)
- [MODS Uses and Features](#)
- [MODS Implementation Registry](#)
- [MODS Tools](#)
- [MODS Editorial Committee](#)
- [MODS Resources](#)

### MODS News & Announcements

- [MODS 3.7 Schema](#) **NEW!**
- [MODS 3.7 Changes](#) **NEW!**
- [MODS 3.6 to BIBFRAME 2.0 Draft Mapping](#) **NEW!**
- [MODS 3.6 Schema](#)
- [MODS 3.6 Changes](#)

### The MODS Forum

[MODS@LISTSERV.LOC.GOV](mailto:MODS@LISTSERV.LOC.GOV) is an unmoderated computer forum open to members of the MODS development community. The MODS list is operated by the Library of Congress Network Development and MARC Standards Office. Users may subscribe to this list by filling out the subscription form at the [MODS Listserv](#) site.

Many elements in the 'procedural modalities' and 'mechanisms' CELL taxonomies do NOT translate over to standard metadata schemas like MODS.

articles

formats

[ta Authority Description Standard](#))

scription Schema (MODS) is a schema for a bibliographic... y be used for a variety of purposes, and particularly for... The standard is maintained by the [Network Development and MARC Standards Office](#) of the Library of Congress with [More about MODS](#)

urrent version of the schema.  
from version 3.6 is available.

# RHIZOME

[Blog](#) [Program](#) [Software](#) [Community](#) [About](#)

Rhizome champions born-digital art and culture through commissions, exhibitions, digital preservation, and software development. Founded by artist Mark Tribe as a listserve including some of the first artists to work online, Rhizome has played an integral role in the history of contemporary art engaged with digital technologies and the internet.

Since 2003, Rhizome has been an affiliate in residence at the [New Museum in New York City](#).

Support Rhizome by [making a donation](#) or [becoming a member](#) today.

## Rhizome Staff

---

Mark Beasley, Senior Front-End Developer, Webrecorder • [Michael Connor](#), Artistic Director • [Aria Dean](#), Assistant Curator of Net Art • [Dragan Espenschied](#), Preservation Director • [Zachary Kaplan](#), Executive Director • [Nora N. Khan](#), Special Projects Editor • Ilya Kreymer, Software Director • [Lyndsey Jane Moulds](#), Software Curator • Anna Perricci, Associate Director, Strategic Partnerships, Webrecorder • Lozana Rossenova, PhD Researcher, Digital Archive Curation, Rhizome / London South Bank University • Pat Shiu, Associate Director, Design, Webrecorder • [Paul Soulellis](#), Contributing Editor • [Lauren Studebaker](#), Community Manager • [Elvia Wilk](#), Contributing Editor

## Rhizome Board

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Greg Pass, Chair • Fred Benenson, Vice Chair • JK Brown • Alex Chung • Saul Dennison • Renny Gleeson • William Palmer • Lisa Phillips • Ron Rosenzweig • Lisa Roumell, Treasurer • Martine Syms • Mark Tribe • Josh Wolfe • Karen Wong • John Wotowicz

## Contact

---

Rhizome is an affiliate in residence at the [New Museum](#) and an anchor tenant of [NEW INC](#)  
235 Bowery, New York, NY 10002  
General correspondence: [info@rhizome.org](mailto:info@rhizome.org)





# Kate Armstrong (Q412)

No description defined

In more languages [Configure](#)

Language	Label	Description
English	Kate Armstrong	No descripti



- Main page
- Community portal
- Project chat
- Create a new item
- Recent changes
- Random item
- Query Service
- Nearby
- Help
- Donate
- Tools
- What links here
- Related changes
- Special pages
- Permanent link
- Page information
- Concept URI
- Cite this page

## Statements

instance of	person	0 references
ca id	463	0 references
creator of	Catalogue:Nothingness	0 references

This page was last modified on 16 March 2015, at 18:41.

[Privacy policy](#) [About Rhizome Catalog](#) [Disclaimers](#)

- Main page
- Recent changes
- Random page
- Help

### Tools

- What links here
- Related changes
- Special pages
- Printable version
- Permanent link
- Page information
- Concept URI

In other languages [Add links](#)

# Cory Arcangel (Q1135754)


Brooklyn/New York post-conceptual artist/working in many different media drawing/music/video/performance art/video game modifications [edit](#)

In more languages [Configure](#)

Language	Label	Description	Also known as
English	Cory Arcangel	Brooklyn/New York post-conceptual artist/working in many different media drawing/music/video/performance art/video game modifications	
Spanish	Cory Arcangel	No description defined	
Traditional Chinese	No label defined	No description defined	
Chinese	No label defined	No description defined	

All entered languages

## Statements

instance of	human	1 reference	<a href="#">edit</a>
image		0 references	<a href="#">edit</a>
	<small>CoryArcangel.jpg 1,280 × 960; 271 KB</small>		
			<a href="#">add reference</a>
			<a href="#">add value</a>
sex or gender	male	3 references	<a href="#">edit</a>
			<a href="#">add value</a>

Wikipedia (4 entries) <a href="#">edit</a>	
de	Cory Arcangel
en	Cory Arcangel
fr	Cory Arcangel
nl	Cory Arcangel

Wikibooks (0 entries) [edit](#)

Wikinews (0 entries) [edit](#)

Wikiquote (0 entries) [edit](#)

Wikisource (0 entries) [edit](#)

Wikiversity (0 entries) [edit](#)

Wikivoyage (0 entries) [edit](#)

Wiktionary (0 entries) [edit](#)

Other sites (0 entries) [edit](#)

## Indexes/Properties

&lt; Indexes

id ↕	label ↕	aliases ↕	description
P2	equivalent property	owl:equivalentProperty	equivalent property in other ontologies (use in statements on properties, use property URI)
P3	instance of	is a, is an, rdfs:type	this item is a specific example and a member of that class
P4	equivalent item		the same item in other ontologies (use item URI)
P5	inverse of		links a property to its inverse property
P6	reference URL	website, uri, Uniform Resource Locator, webref, URL	should be used for internet URLs as references
P7	has part	have part, composed of, contains, formed from, formed out of, assembled from, assembled out of, created from, created out of, amalgamation of, set of, consists of, has part, members, holonym of, includes, ingredient	object is a part of this subject
P8	part of	meronym of, section of, system of, subassembly of, sub-assembly of, contained within, assembly of, within a set	subject is a part of that object
P9	imported from		source of this claim's value (use only in References section)
P10	point in time	date, as of, time of event, at time, when, year, time	time and date something took place, existed or a statement was true
P11	start time	from, starting, beginning, began, from time, since, from date, start date, building date, starttime	indicates the time an item begins to exist or a statement starts being valid, usually used as a qualifier
P12	subproperty of	rdfs:subPropertyOf	all resources related by this property are also related that property.
P13	end time	to, to time, until, ending, enddate, end date, closed, fall date	indicates the time an item ceases to exist or a statement stops being valid
P14	last modified		last known date of modification of the subject
P15	subclass of	rdfs:subClassOf, hyponym of, is a, type of, is a type of, generalized by, generalization, superclass	this item is a class of that item
P16	depends on	dependency, technical requirement, software dependency	the subject depends on this software
P17	official website	website, official site, homepage, home page, official page, official web site, official url, official homepage, web address, uri, blog	URL to the website of this item
P18	residence	lived in	the place where the person is, or has been, resident
P19	country of citizenship	citizenship, nationality, citizen of	the object is a country that recognizes the subject as its citizen
P20	member of	membership	part of a specific organization
P21	date of birth	born on, birth date, birthday, birthdate, birth year, year of birth, birthyear, DOB	date on which the subject was born
P22	website account on	social media account on, social media	A website that the person or organization has an account on. Use 'website user name' as qualifier
P24	website username	username, handle, social media address, account name, screen name	username on a website that the person or organization has an account on. only use as qualifier for 'website account on'
P25	mandatory qualifier		qualifier(s) that must be associated to statements using this property

Main page  
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Random page  
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Tools

What links here  
Related changes  
Special pages  
Printable version  
Permanent link  
Page information

In other languages

Add links



**We as a community of writers, artists, scholars (and archivists) must work together to create change in archival practices.**