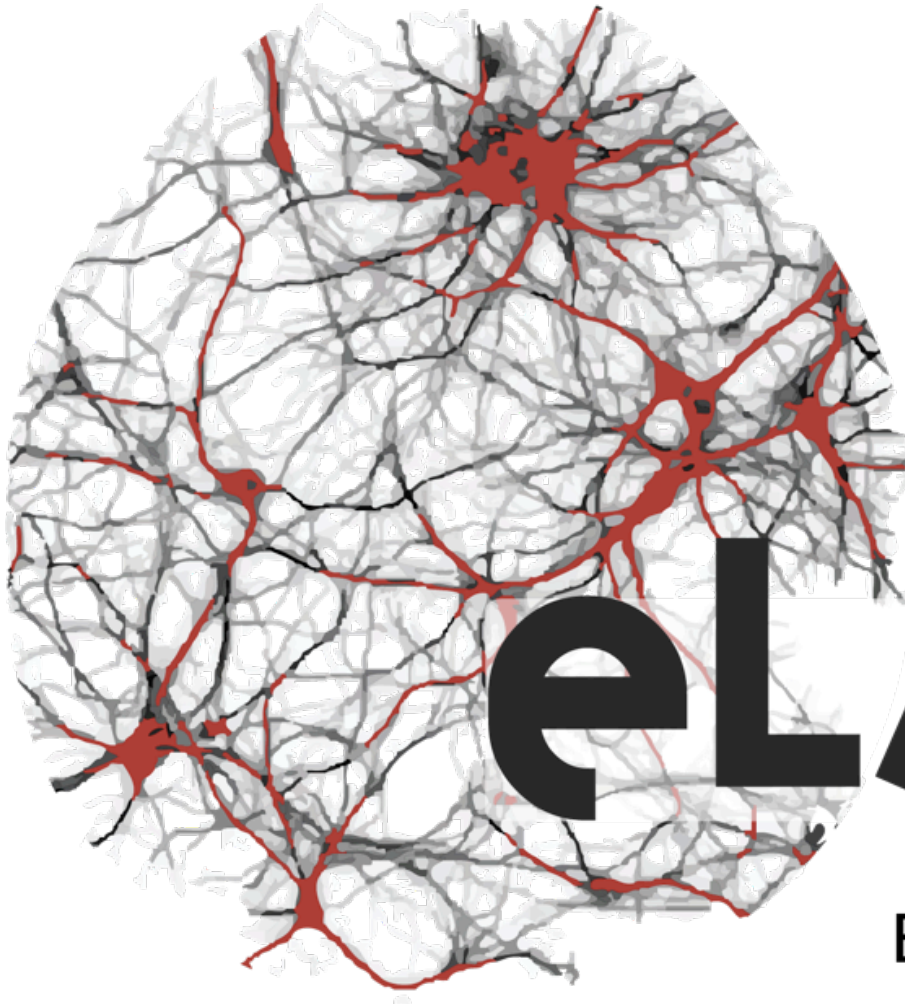




From the Beginning...



**eLMcip**

ELECTRONIC LITERATURE  
AS A MODEL OF  
CREATIVITY AND INNOVATION  
IN PRACTICE

...to the Next Generation



The Center for Digital Narrative, a Norwegian Center of Research Excellence (2023-2033)

# Electronic Literature Organization

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

[Home](#)

[What is E-Lit?](#)

[People](#)

[ELO's History](#)

[Conference](#)

[Projects](#)

[Join ELO](#)

[Partners](#)

## What is E-Lit?

Electronic literature, or e-lit, refers to **works with important literary aspects that take advantage of the capabilities and contexts provided by the stand-alone or networked computer.** Within the broad category of electronic literature are several forms and threads of practice, some of which are:

- Hypertext fiction and poetry, on and off the Web
- Kinetic poetry presented in Flash and using other platforms
- Computer art installations which ask viewers to read them or otherwise have literary aspects
- Conversational characters, also known as chatterbots
- Interactive fiction
- Novels that take the form of emails, SMS messages, or blogs
- Poems and stories that are generated by computers, either interactively or based on parameters given at the beginning
- Collaborative writing projects that allow readers to contribute to the text of a work
- Literary performances online that develop new ways of writing

“Electronic Literature as Digital Humanities” in *A New Companion to the Digital Humanities*. Blackwell, 2016.



A NEW COMPANION TO

DIGITAL  
HUMANITIES

EDITED BY  
SUSAN SCHREIBMAN, RAY SIEMENS,  
AND JOHN UNSWORTH

WILEY Blackwell

# Electronic Literature as Digital Humanities

Electronic literature functions as a field of digital humanities research on a number of different levels, each with their own defining characteristics. These include:

- 1) Creative digital media practice in electronic literature;
- 2) The development of specific platforms for creative practices in digital media;
- 3) Theoretical work and analysis of works of electronic literature to build new understandings of contemporary textuality and “digital vernaculars”;
- 4) The establishment of networked scholarly practices, digital publications, research infrastructures, and social networks particular to the digital media research environment; and
- 5) Meta-analysis and visualization research based on electronic literature metadata.

# Electronic Literature Collection

A Publication of the [Electronic Literature Organization](#)



**Volume 1** (October 2006)

**Volume 2** (February 2011)

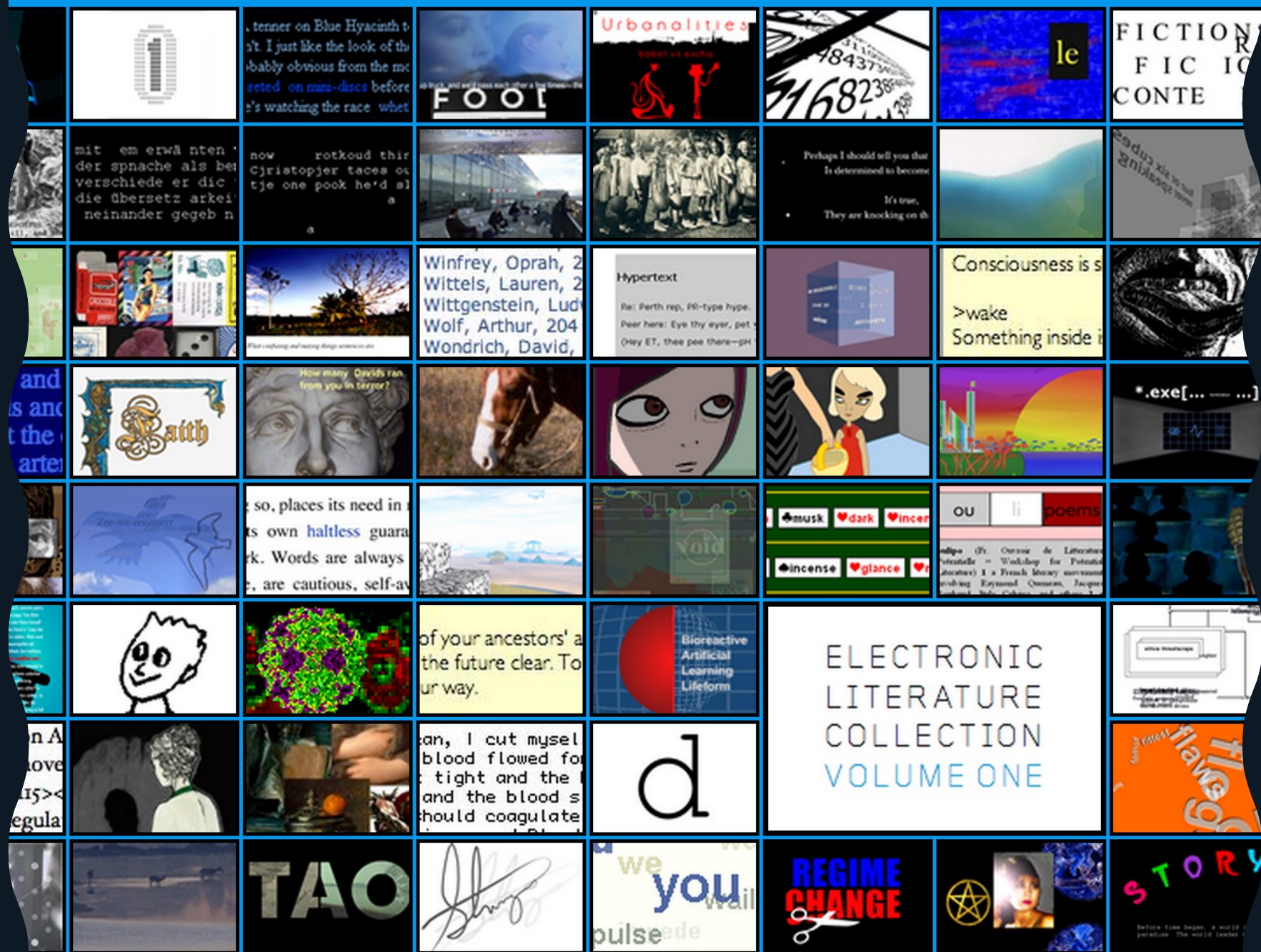
**Volume 3** (February 2016)

**Volume 4** (June 2022)

Each volume of the *Electronic Literature Collection* is published on the Web and as a physical version. The physical publication of the ELC3 is forthcoming. Libraries, educators, and individuals may request a free copy of the volume 1 and 2 USB by mail:

Electronic Literature Organization  
c/o Washington State University Vancouver  
14204 NE Salmon Creek Avenue  
Vancouver, WA 98686

[Main ELO site](#) – [Join the ELO](#) – [ELO Publications](#)



[All Keywords](#)
[All Authors](#)
[All Titles](#)
[About](#)

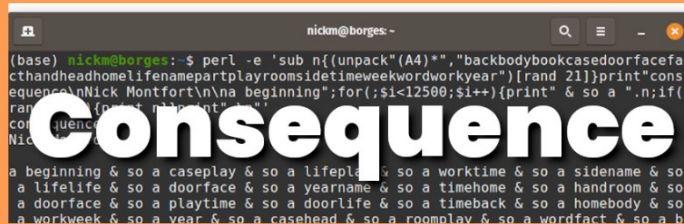
Electronic Literature Collection 1 · Hayles Montfort Rettberg Strickland





# Electronic Literature Collection

VOLUME 4



Today's Featured Work

consequence

Nick Montfort

FILTERS

GLOSSARY

INDEX

ABOUT

Filter works by keyword  Clear

THE DATA SOULS

Writers Are Not Strangers



Mask Making

EXPLORATIONS IN ANONYMOUS HISTORY

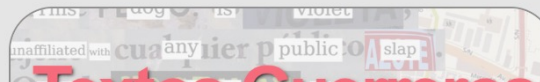


my Dear coU  
a letter to lord kelvin

ERGON SOGOI

The Fetch

Letters to



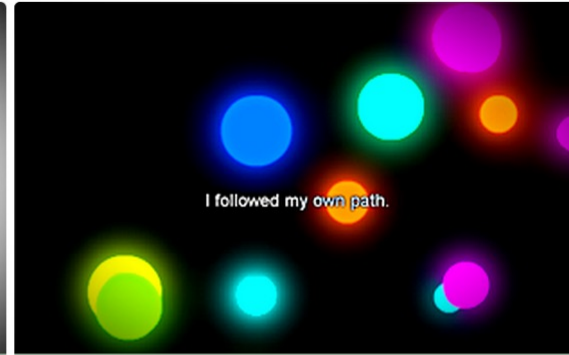
Assorted cake Around your love  
Ta



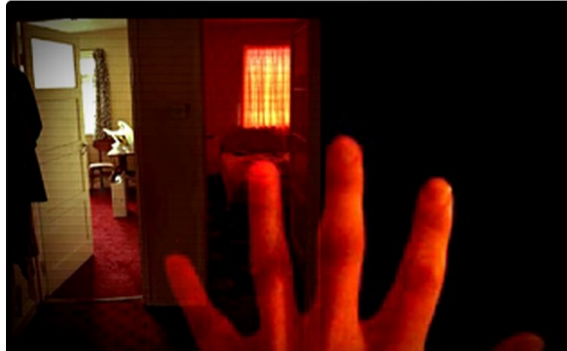
INJECTIES



RETOURNEMENT



LOSS OF GRASP



THE FLAT



ALONG THE BRINY BEACH



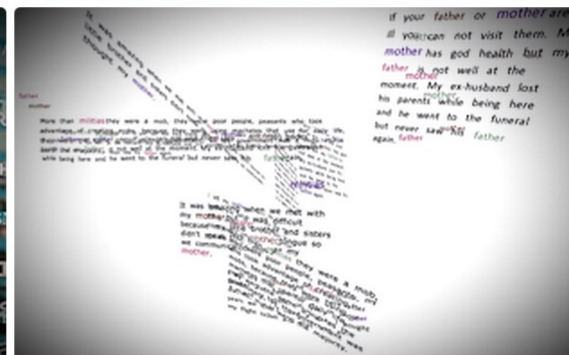
VÄLJARNA



BA-TALE



LA RESOCIALISTA INTERNACIONAL

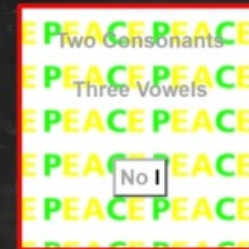


CONNECTED MEMORIES

**NEW COLLECTION****weak blood**

A multicultural, multigenerational net.art project created by Reiner Strasser

**VIEW NOW** →



## Welcome to The NEXT

2D & 3D, Algorithmic, Animated, Artificial Intelligence (AI), Augmented Reality (AR), Codework, Combinatory, Generative, Glitch, Hypermedia, Immersive, Interactive, Kinetic, Locative, Mobile, Multimedia, Networked, Virtual Reality (VR), Virtual World, Web-Based/Net—these are some of the qualities found among the 38 collections of digital art and writing at the Electronic Literature Organization's The NEXT.

Envisioned as a combination museum, library, and preservation space, The NEXT maintains and makes its archives accessible for the next generation and responds to the growing need for open-access, travel-free cultural and research experiences for today's public and scholars.

[Read Curatorial Statement](#)



# ELECTRONIC LITERATURE

**SCOTT RETTBERG**



Polity Press, 2019  
Hardcover, paperback, e-book

Circa 240 pp  
98K words, seven chapters

Extensive study of the history  
and genres of electronic  
literature from the 1950s to the  
2010s.

Winner of the 2019 N. Katherine  
Hayles Award for Criticism of  
Electronic Literature

## Electronic Literature Knowledge Base

### Contribute to the Knowledge Base

The ELMCIP Knowledge Base is a research resource for electronic literature and it is open for new contributions and submissions. It provides cross-referenced, contextualized information about authors, creative works, critical writing, platforms, and practices. Current contributors should [log in](#) to the knowledge base to enter new records.

The ELMCIP Knowledge Base depends on the active participation of a community of international researchers and writers working on electronic literature. To join us in building the Knowledge Base, [sign up for an account](#) we can set you up with a contributor account to add and edit records. The Knowledge Base is developed in Drupal 7 by the University of Bergen Electronic Literature Research Group as an outcome of the ELMCIP project.

### Browse

See all tags used in the Knowledge Base by [frequency](#) or [alphabetically](#).  
See the latest [videos](#) and [multimedia](#) content in Knowledge Base.

### Creative Works

3897 records

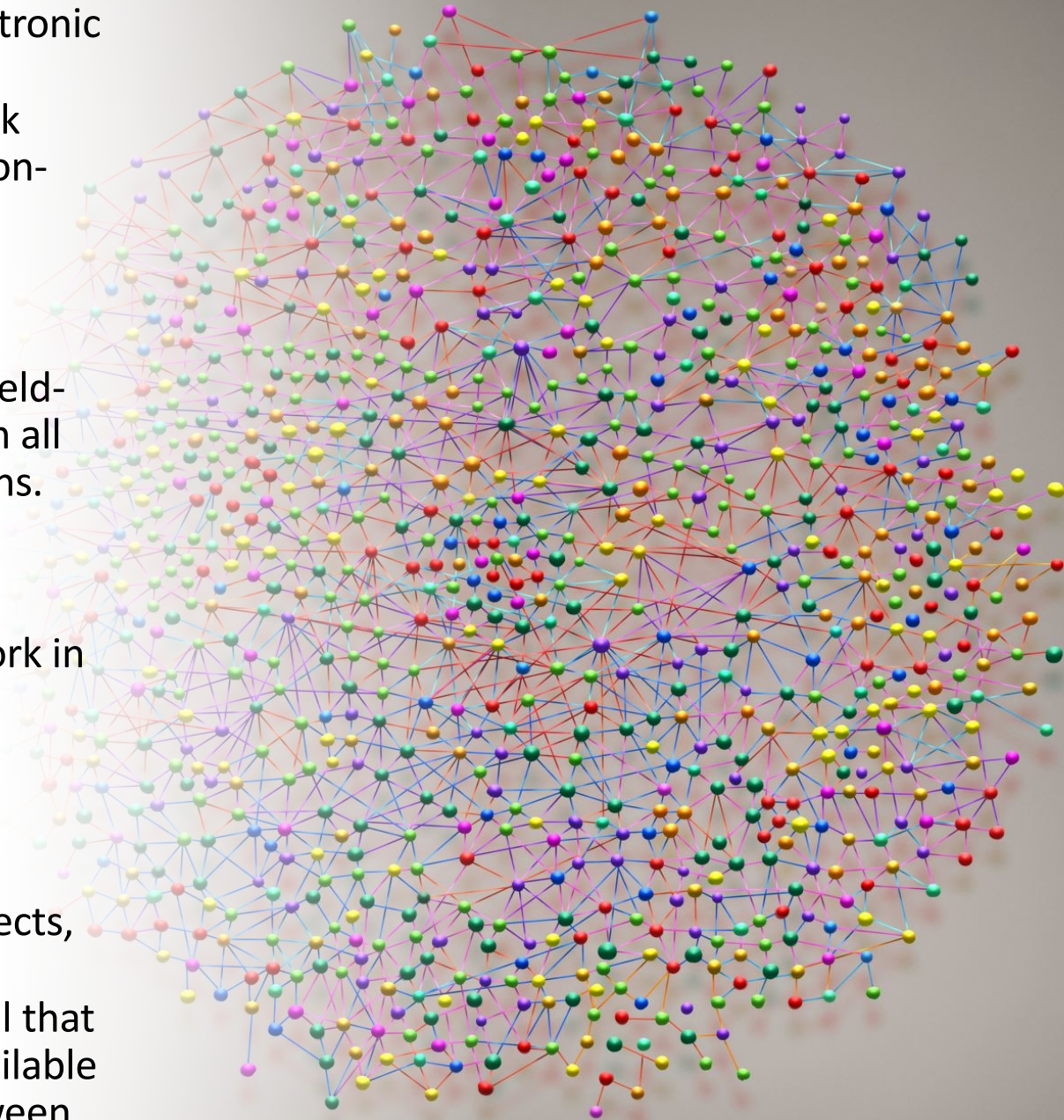
Title	Author	Year	Updated ▾	Tags
The Perfect Democracy	David Thomas Henry Wright, Chris Arnold	2021	22.02.2023	
A Selflessly Evacuated Spirit	David Thomas Henry Wright	2020	22.02.2023	
[The future of the humanities in Australia] or; On {On Generosity, National Press Club address}	David Thomas Henry Wright	2020	22.02.2023	

➤ Basic premise of the Electronic Literature Knowledge Base: consider a field as a network composed of human and non-human actors, objects, and events.

➤ Consider creativity and field-formation as emerging from all these networked interactions.

➤ The literary artifact is inseparable from the network in which it is produced, disseminated, and post-processed.

➤ Document individual objects, but even more importantly, develop a knowledge model that accounts for and makes available for study the relations between them.



# Key ELMCIP Contributors 2010-2023

---

Stein Magne Bjørkland

---

Professor Jill Walker Rettberg

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Professor Joseph Tabbi

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Original ELMCIP PIs

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Eric Rasmussen (Editor)

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Patricia Tomaszek (Editor)

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Alvaro Seiça (Editor)

---

Hannah Ackermans (Editor)

---

Aud Gjersdal (Librarian)

---

DIKULT 207 Teachers and Students

---

Visiting Researchers

---

Authors abroad in the field



3897  
Creative  
Works  
documented

## Contribute to the Knowledge Base

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## Browse

See all tags used in the Knowledge Base by [frequency](#) or [alphabetically](#).  
See the latest [videos](#) and [multimedia](#) content in Knowledge Base.

## Creative Works

3897 records

Title	Author	Year	Updated	Tags
The Jaguar	David Thomas Henry Wright, Chris Arnold	2022	22.02.2023	
The Winograd Matrix	Richard Holeyton	2022	20.10.2022	
How We Show Love		2022	17.11.2022	visual novel, interactive fiction, lesbian, LGBTQIA, narrative, queer, transgender
Progress	Nick Montfort	2022	26.05.2022	progress bars, number systems
NHK MAN	David Thomas Henry Wright	2022	22.02.2023	

[Add a new creative work.](#)

1 of 780 [next >](#)

[See all creative works](#)





5028 articles  
of Critical  
Writing  
documented

## Critical Writing

5028 records

Title	Author	Publication Type	Appears in	Updated	Year
Putting the Pig Back Together Again: Dis(re)connection in "Figurski at Findhorn on Acid"	Richard Holeton	Article or chapter in a book		23.02.2023	2022
Data as language; language as data	David Thomas Henry Wright	Article or chapter in a book		22.02.2023	2021
Digital Orihon (デジタル 折り本): The (un)continuous shape of the novel	David Thomas Henry Wright	Article in an online journal		22.02.2023	2021
Digital Literary Creative Practice and COVID-19	David Thomas Henry Wright	Article in an online journal		22.02.2023	2022
Digital Realism	David Thomas Henry Wright, Chris Arnold, Shastra Deo	Issue of a journal		22.02.2023	2022

[Add new critical writing.](#)

1 of 1006 [next >](#)

[See all critical writing](#)

4705  
authors  
referenced

## Authors

4705 records

Last name	Middle name	First name	Updated
Deo		Shastra	22.02.2023
Kenayt		Allan	13.02.2023
Costa	M	Giancarlo	13.02.2023
Leão		Ryane	10.02.2023
Ribeiro	Augusto	Caio	10.02.2023

[Add a new author.](#)

1 of 941 [next >](#)

[See all authors](#)

941  
publishers,  
journals, and  
organizations  
mapped

## Publishers and Journals

941 records

Title	City	Country	Updated date
Amanita Design			27.09.2021
Galactic Cafe			23.09.2021
Presses de l'Université Du Quebec	Montréal	Canada	26.09.2019
Verbeia: Journal of English and Spanish Studies	Madrid	Spain	25.01.2021
2010 International Digital Media and Arts Association Conference Proceedings			26.09.2019
3:AM Magazine			26.09.2019
Aarhus University Press	Aarhus	Denmark	17.06.2012
Ablex Press	Norwood	United States	01.07.2013
Above/Ground Press	Ontario	Canada	16.06.2017
Academia del Hispanismo	Pontevedra	Spain	26.09.2019
ACM interactions			07.01.2013
ACM SIGWEB Newsletter	New York	United States	14.09.2013
Activision		United States	29.09.2011
Addison Wesley	Cambridge	United States	02.07.2013

662

conferences,  
exhibitions &  
seminars archived

## Events

717 records

Title ^	Event Date	City	Country	Event type	Updated
Researching the Reading Experience	11.06.2013	Oslo	Norway	Conference	30.11.2016
Arabic Electronic Literature	25.02.2018	Dubai	United Arab Emirates	Conference	14.09.2018
III Mostra 3M de Arte Digital	15.08.2012	São Paulo	Brazil	Exhibition	30.11.2016
International Digital Media Arts Association 2011	13.01.2013			Conference	30.11.2016
Literatuur op het Scherm	13.12.2014			Performance	08.11.2017
Under Construction: literatures digitals i aproximacions teòriques	14.04.2004	Barcelona	Spain	Conference	30.11.2016
"Contrapoemas e anfiopoemas" exhibition	09.09.2008			Exhibition	09.02.2023
"Quo vadis elektronická kultura?"	26.09.2012	Bratislava	Slovakia	Seminar	30.11.2016
"The Digital Subject: Questioning Hypermnesia" - International and Transdisciplinary Conference	13.11.2012	Saint-Denis	France	Conference	30.11.2016
"vielSeitig: Europäisches Literaturfestival": Alexandra Saemmer & Philippe Bootz	26.10.2012	Siegen	Germany	Performance	30.11.2016
"vielSeitig: Europäisches Literaturfestival":	26.10.2012	Siegen	Germany	Exhibition	30.11.2016

Teaching resources  
made available on  
an open access  
basis

## Teaching Resources

99 records

Title	Author	Type of Resource	Updated
Introduction to Electronic Literature in DH: Research and Practice (DHSI Course 15, 2018)	Dene Grigar, Davin Heckman	Syllabus	05.06.2018
51 Responses: What inspired you to get involved with Digital Literature	David Jhave Johnston	Other Teaching Resource	13.02.2012
Amado Nervo: lecturas de una obra en el tiempo	Gustavo Jiménez Acuirre	Lesson plan	12.08.2014
An Annotated Bibliography Of Interactive Fiction Scholarship	Dennis G. Jerz	Bibliography	14.12.2012
Archive, Database, Interface (English 5380, History 5348, Spring 2009)	Carolyn Guertin	Syllabus	20.06.2012
Artist-Screencast with Stephanie Strickland on "Errand Upon Which We Came"	Stephanie Strickland, Patricia Tomaszek	Video tutorial or lesson	20.02.2014
Authoring 2.0: Writing Digital Culture (ENGL 5380-001)	Carolyn Guertin	Syllabus	28.03.2012
Authoring Software	Judy Malloy	Other Teaching Resource	23.04.2015
Chapter 3: Hypertext Fiction	Paul Amore	Other Teaching Resource	28.06.2013
Classroom Case: Adaptive Assessment	Matthew G. Longshaw	Exercise	16.08.2016

# Documenting relationships between 321 software / platform and creative works

## Platform/Software

321 records

Title	Publisher or organization	Developers	Year initiated	Updated
Construct 3			2011	31.08.2022
Website				11.06.2022
Web-based				11.06.2022
Web app				11.06.2022
Terminal				11.06.2022

[Add new platform/software.](#)














1 of 65 [next >](#)

[See all Platform/Software](#)

Video and  
multimedia  
documentation of  
performances and  
events made  
accessible

## Browse Multimedia

Browse the latest video / multimedia content, including vimeo and youtube videos and flickr sets, that has been added to the Knowledge Base.

Title	Post date	Multimedia
Under the Surface	30.03.2022	 Under the Surface - The New Album from Axel Lundén
Traversal of Mary-Kim Arnold's "Lust"	03.10.2021	 Traversal of Mary-Kim Arnold's "Lust," Part 1,  Traversal of Mary-Kim Arnold's "Lust," Part 2,  Traversal of Mary-Kim Arnold's "Lust," Part 3
Flower	01.10.2021	 Flower Trailer
The Night Journey	01.10.2021	 The Night Journey Launch Trailer PS4
Ode to a Fallen Dialogue	01.10.2021	 *Ode to a Fallen Dialogue* launching trailer: An Interactive Game-Poem by Angeliki Malakasioti
Samorost 2	27.09.2021	 Samorost 2 Official Trailer
Asteroids	23.09.2021	 Asteroids
Amnesia: The dark descent	21.09.2021	 Amnesia: The Dark Descent - Scary Gameplay
#GraphPoem @ DHSI 2021	17.08.2021	 MARGENTO #GraphPoem @ DHSI 2021,  MARGENTO #GraphPoem @ DHSI 2021.mov
The Platform Society	17.06.2021	 platform_society.jpg

START HERE>  
Electronic Literature Organization 2002:  
State of the Arts Symposium  
Interactions: Shelley Jackson

Record Status:  
Approved record

Electronic Literature Directory entry

NT2 entry:  
NT2 entry (français)

Technical notes:  
Web hypertext

Teaching Resource that references this work:

Resource	Author	Teaching Resource Type	Year
Hypertext	Scott Rettberg	Syllabus	2004

Add new teaching resource.

Research Collection that references this work:

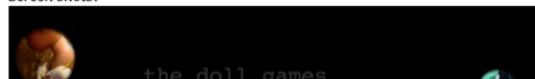
Title
EL-games
Electronic Literature, Chapter 3: Hypertext Fiction

Add new research collection.

Critical writing that references this work:

Title	Author	Year
"Of Dolls and Monsters": An Interview with Shelley Jackson	Rita Raley	2002
Destination Unknown: Experiments in the Network Novel	Scott Rettberg	2003
Machinic minds and posthuman bodies: the complexities of intimacy in three electronic works by Shelley Jackson	Arnaud Regnaud	2010
Posthyperfiction: Practices in Digital Textuality	Scott Rettberg	2015
START HERE> An Interdisciplinary Introduction to Electronic Literature	Scott Rettberg, Rob Wittig, Joseph Tabbi, Andrew Stern, Niki Nolin, Michelle Citron, Kurt Heintz	2002

Screen shots:



Extensive  
cross-  
referencing to  
show works in  
their critical  
contexts



*Events referenced:*

Title	Date	Location
2001 Electronic Literature Awards	18.05.2001	Swayduck Auditorium at the The New School University New York City , NY United States See map: <a href="#">Google Maps</a> New York US

*Critical writing that references this:*

Title	Author	Publisher	Year
Autorschaft und digitale Literatur: Geschichte, Medienpraxis und Theoriebildung	Heiko Zimmermann	WVT - Wissenschaftlicher Verlag Trier	2015
Conditions of Presence: Topological Complementarities in The Silent History	David M. Meurer	Paradoxa	2017
The Emergence of Electronic Literature Exhibition Catalogue	Scott Rettberg, Jill Walker Rettberg		2013

Add new [critical writing](#).

*Attachment:*

 [Destination Unknown: Experiments in the Network Novel](#)

*The permanent URL of this page:* <https://elmcip.net/node/807>

*Record posted by:* Scott Rettberg

Archival  
attachments  
such as full  
text pdfs and  
source code

## Research Collections

65 records

Title	Collection curated by	Updated
Advanced Graphic Technologies in performed e-lit creative works		06.11.2019
Affirmative post-cinema	Maud Ceuterick	14.12.2020
Bot-mimicry	Malthe Stavning Erslev	30.11.2021
Bots!	Leonardo L. Flores	09.06.2013
Brazilian Electronic Literature Collection	Luciana Gattass	13.02.2023
Brown University Digital Language Arts	John Cayley	04.12.2019
Children's Electronic Literature	Jill Walker Rettberg	29.04.2014
Cinematic VR	Maud Ceuterick	14.07.2020
Codework	Talan Memmott	12.09.2013
Collection of E-Lit Works Affected by "The Lability of the Device"	Patricia Tomaszek	26.03.2020
Collection of Italian e-lit works	Roberta Iadevaia	30.11.2021
Collection of Lost E-Lit Works	Patricia Tomaszek	26.03.2020
Collection of Polish E-Lit Works and Academic References	Patricia Tomaszek	26.03.2020
Database Narratives	Hannah Ackermans, Inge van de Ven	16.08.2019
Digital Letterisms	Natalia Fedorova	10.09.2013
Digital Literary Works from Flanders and the Netherlands	Siebe Bluijs, David Peeters, Lois Burke	02.02.2022
Digital Preservation		13.12.2013
EL-games		20.11.2018

Research  
collections –  
mini  
databases  
within the  
database

Granular filtered  
search of creative  
works and critical  
writing

## Creative Works

3897 records

Author

Words in Title

Language

Year

Publisher

Start date

Format: 2023

End date

Format: 2023

Publication Type

Application  
Exhibited at gallery or event  
Installation  
Locative narrative  
Non-linguistic digital art  
Performance  
Presented at conference or festival  
Print publication  
Print publication (antecedent)

Event at which work was presented

Platform/Software

Tags

Filter

Reset

Researchers

ELMCIP publications

Partners

Anthology

eLMcip

News/blog

Contact us

Cookie policy



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				guidebook, classics
...hihi...	Evgenia Sarbeva	2010	01.07.2015	computer, conversation, self-re
...Reusement	Jerome Fletcher	2007	01.07.2015	performance writing, erasure, p projective art, bilingual

1 of 78 next >

Add a new creative work.

CSV | CSV



Researchers

ELMCIP publications

Partners

Anthology

eLMcip



Search Knowledge Base

Log out Dashboard Add record

Building export



Exporting 12% complete,  
Time remaining: about 1 min 30 sec.

12%

Expert level: open data exports of all data in content types or filtered search for data analysis and visualization

creative\_work\_07.03.2023-15.08.08

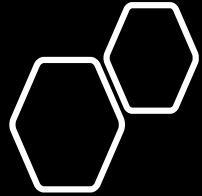
125 %

View Zoom Add Category Pivot Table Insert Table Chart Text Shape Media Comment

Sheet 1

	A	B	C	D	E	
1	Title	Nid	Author	Author ID	Year	Platfo
2	The Perfect Democracy	17932	David Thomas Henry Wright	13309	2021	
3	The Perfect Democracy	17932	Chris Arnold	14356	2021	
4	A Selflessly Evacuated Spirit	17931	David Thomas Henry Wright	13309	2020	
5	[The future of the humanities in Australia] or; On {On Generosity, National Press Club address}	17930	David Thomas Henry Wright	13309	2020	
6	A Recombinant History of Australian Camels	17929	David Thomas Henry Wright	13309	2021	
7	The impossibility of an ending in the mind of a compulsive gambler	17928	David Thomas Henry Wright	13309	2021	
8	The impossibility of an ending in the mind of a compulsive gambler	17928	Chris Arnold	14356	2021	
9	War Rooms: Three Poems	17927	David Thomas Henry Wright	13309	2021	
10	Honest Slots	17926	David Thomas Henry Wright	13309	2022	
11	Honest Slots	17926	Chris Arnold	14356	2022	
12	NHK MAN	17925	David Thomas Henry Wright	13309	2022	
13	The Jaguar	17924	David Thomas Henry Wright	13309	2022	
14	The Jaguar	17924	Chris Arnold	14356	2022	
15	flâneur treadmill	17917	David Thomas Henry Wright	13309	2021	
16	flâneur treadmill	17917	Chris Arnold	14356	2021	
17	Janelas do Meu Quarto	17915	Allan Kenayt	17914	2017	Instag
18	giancarlomcosta's Instagram Profile	17913	Giancarlo M Costa	17912	2018	Instag
19	@ondejazzmeucoracao	17911	Ryane Leão	17910	2015	Instag
20	@ondejazzmeucoracao	17911	Ryane Leão	17910	2015	Twitter
21	Impulsoemas	17909	Caio Augusto Ribeiro	17908	2021	Instag
22	Contrapoemas	17907	Wladimir Dias-Pino	5003	2008	Photo
23	Contrapoemas	17907	Regina Pouchain	17904	2008	Photo
24	The Whalestoe Letters	17903	Mark Z. Danielewski	674	2000	
25	The Familiar, Vol. 2: Into the Forest	17902	Mark Z. Danielewski	674	2015	

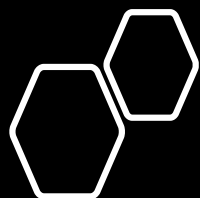
Expert level: able to spit out core metadata for all 3897 creative works in the database in about 3 minutes in format ready for input into Gephi.



Backend: Built in customized  
Drupal 7 (moving to 10), all  
code now managed in a  
Github repository

The screenshot shows the GitHub repository page for 'elmcip / elmcip'. The repository has 1,011 commits, 39 branches, 31 releases, and 4 contributors. The current branch is 'master'. The repository description states: 'Electronic Literature as a Model of Creativity and Innovation in Practice (ELMCIP) is a collaborative research project funded by Humanities in the European Research Area (HERA) JRP for Creativity and Innovation built in Drupal <https://elmcip.net>'. The repository includes a list of files and folders with their respective commit dates:

File/Folder	Description	Last Commit
bin	Add a clear cache to site-upgrade script	7 days ago
doc	Update init and local settings	7 months ago
drupal @ 92fbccd	Issue 318 Remove mollom from file system	2 days ago
modules	Issue 363 Image to front page custom block moved	2 days ago
private_files	Improved security. Details found in <a href="https://drupal.org/SA-CORE-2013-003">https://drupal.org/SA-CORE-2013-003</a>	4 years ago
site	Update init and local settings	7 months ago
themes/elmcip	Theme cleanup. Comment module uninstalled, template files removed	8 days ago
.gitignore	Document reset installation while styling offline and save time.	2 years ago
.gitmodules	New git submodule - tota1ty	7 months ago
README.md	typo	3 years ago



Backend: Issues? We got issues. Ongoing issue-tracking, bug squashing, feature development.

elmcip / elmcip

Unwatch 3 Star 0 Fork 0

Code Issues 87 Pull requests 0 Projects 1 Insights Settings








Label issues and pull requests for new contributors [Dismiss](#)

Now, GitHub will help potential first-time contributors discover issues labeled with [help wanted](#) or [good first issue](#)

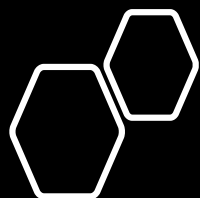
[Go to Labels](#)

Filters  Labels Milestones [New issue](#)

87 Open ✓ 278 Closed Author Labels Projects Milestones Assignee Sort

- [Provide basic documentation of record entry or cues](#) [User interface - UX](#) [documentation](#)   
#365 opened 4 days ago by elmcip
- [Implement CELL taxonomies](#)   
#364 opened 5 days ago by elmcip
- [Set up contributor mailing list](#) [new functionality](#)   
#362 opened 6 days ago by elmcip
- [Add block for temporary display of notices on KB page](#) [new functionality](#)   
#361 opened 6 days ago by elmcip
- [Allow users to login with email as well as username](#) [enhancement](#)   
#360 opened 6 days ago by elmcip
- [Do we really export data in xls format?](#) [Need more information](#) [enhancement](#)  2  
#357 opened on Nov 14, 2017 by steinmb ↑ 1.29
- [Improve page footer section](#) [Needs work](#) [User interface - UX](#)  1





# Backend: Hosting on NIRD Norwegian Research Infrastructure service

🏠 Sigma2/NRIS documentation

🏠 / Norwegian Research Infrastructure Services [Edit on GitHub](#)

News: [Latest changes and events](#) | [Hardware live status](#) | [Known issues](#)

## Norwegian Research Infrastructure Services

NRIS provides valuable resources for the research communities: state of the art [compute](#) and [storage facilities](#), backed by [support](#) and a guarantee that your data always stays in Norway. Possibly more important is easy access to a [wide selection of competences](#) that can assist, realize or take your project to the next level. [Read more ...](#)

Compute resources: [Overview](#) | [Saga](#) | [Fram](#) | [Betzy](#) | [LUMI](#)

Storage resources: [NIRD](#) | [NIRD @LMD](#) | [Research data archive](#)

Tools and other services: [NIRD Toolkit](#) | [EasyDMP](#) | [Course resources](#)

<b>Getting started</b> New to high-performance computing? Click here to learn how to setup an account and run your first calculations.	<b>Getting help</b> Need help using our compute or storage facilities? Check out our support pages.
<b>Training</b> Check out our information on training events so that you get more done in less time.	<b>Files, storage, and quota</b> For more information on our storage areas and to learn more about quota.
<b>Job types and scripts</b> Here you can find example job scripts and guides on how to run efficiently.	<b>Code development and tutorials</b> Are you a developer of scientific software or running your own code on our systems? Find useful resources here.

Projects are required to **acknowledge the use of the national e-infrastructure resources** in their

# Immense Benefits

---

Internationally: key resource and a structural platform for an academic field

---

Expanded audiences for electronic literature

---

Enables research that both advanced our research group and research by others around the world.

---

Pedagogical resource for curricula.

---

Connects E-Lit to broader DH

---

Value to students, authors, researchers

---

Locally: basis for research group's international reputation

---

Locally: attracts visiting researchers, post-docs, leads to new projects and applications

---

Locally: strengthens grant project applications, bringing in new resources

# Publications

---

At least 30 papers and presentations specifically about the ELMCIP database

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Including several components of Hannah Ackermans' recent dissertation "**The (Inter)Faces of Electronic Literature: Scholarly Experiments that Built a DH Field**" (2022)

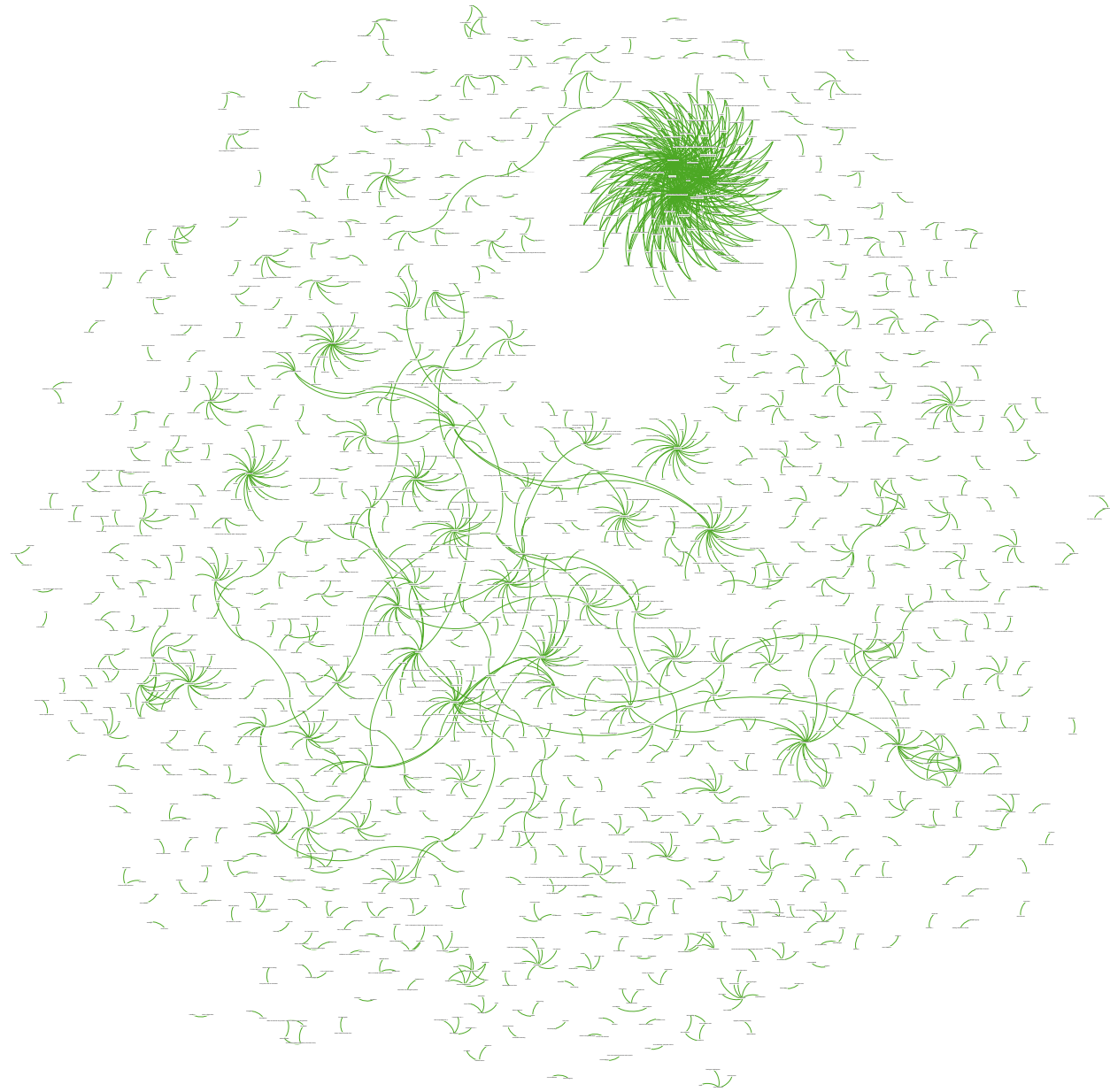
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Papers on Digital Humanities, E-Lit communities, data mining and visualization, information architecture, epistemology, intrinsic bias, and more...

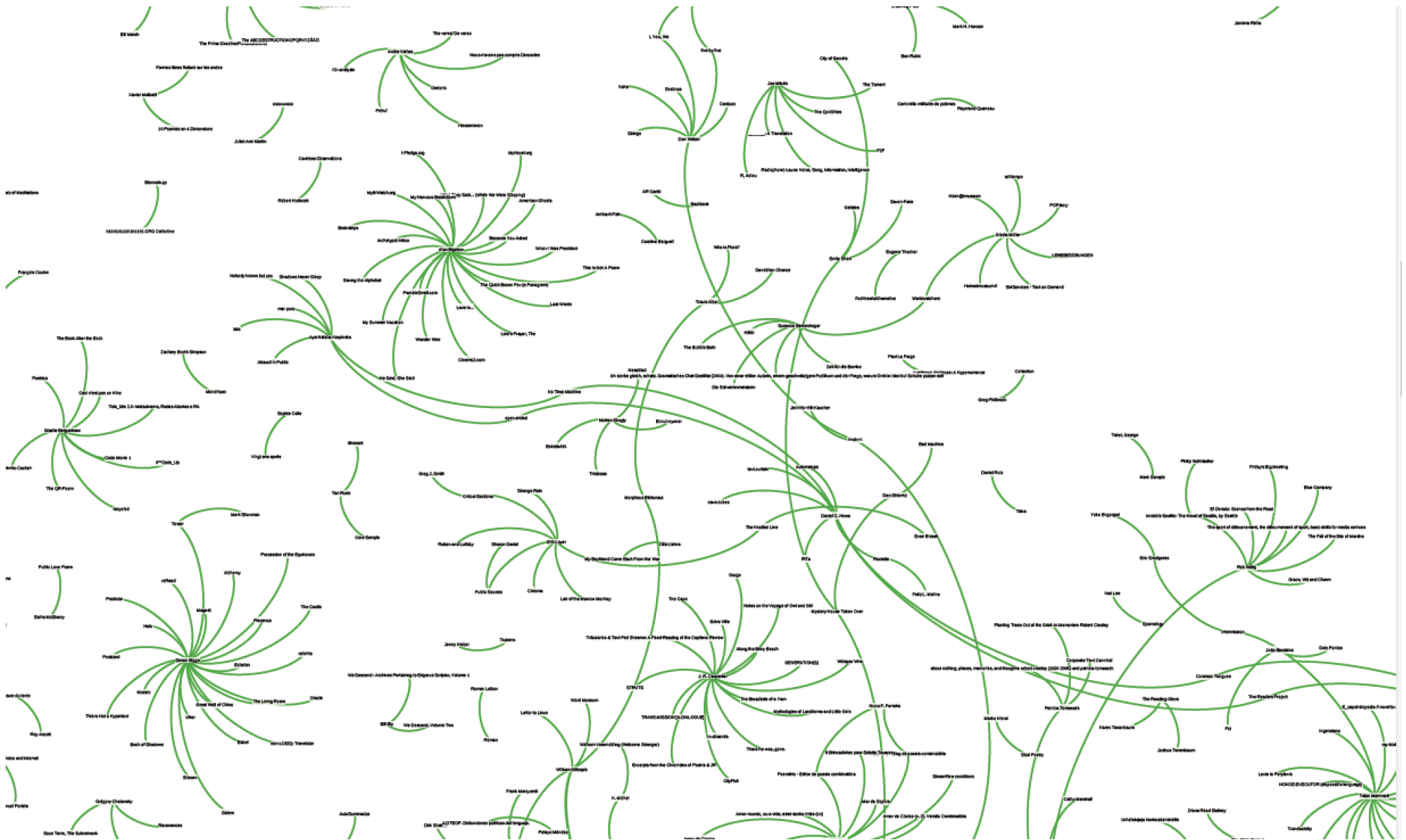


# Enabling New Types of Research: Data-mining and Visualization

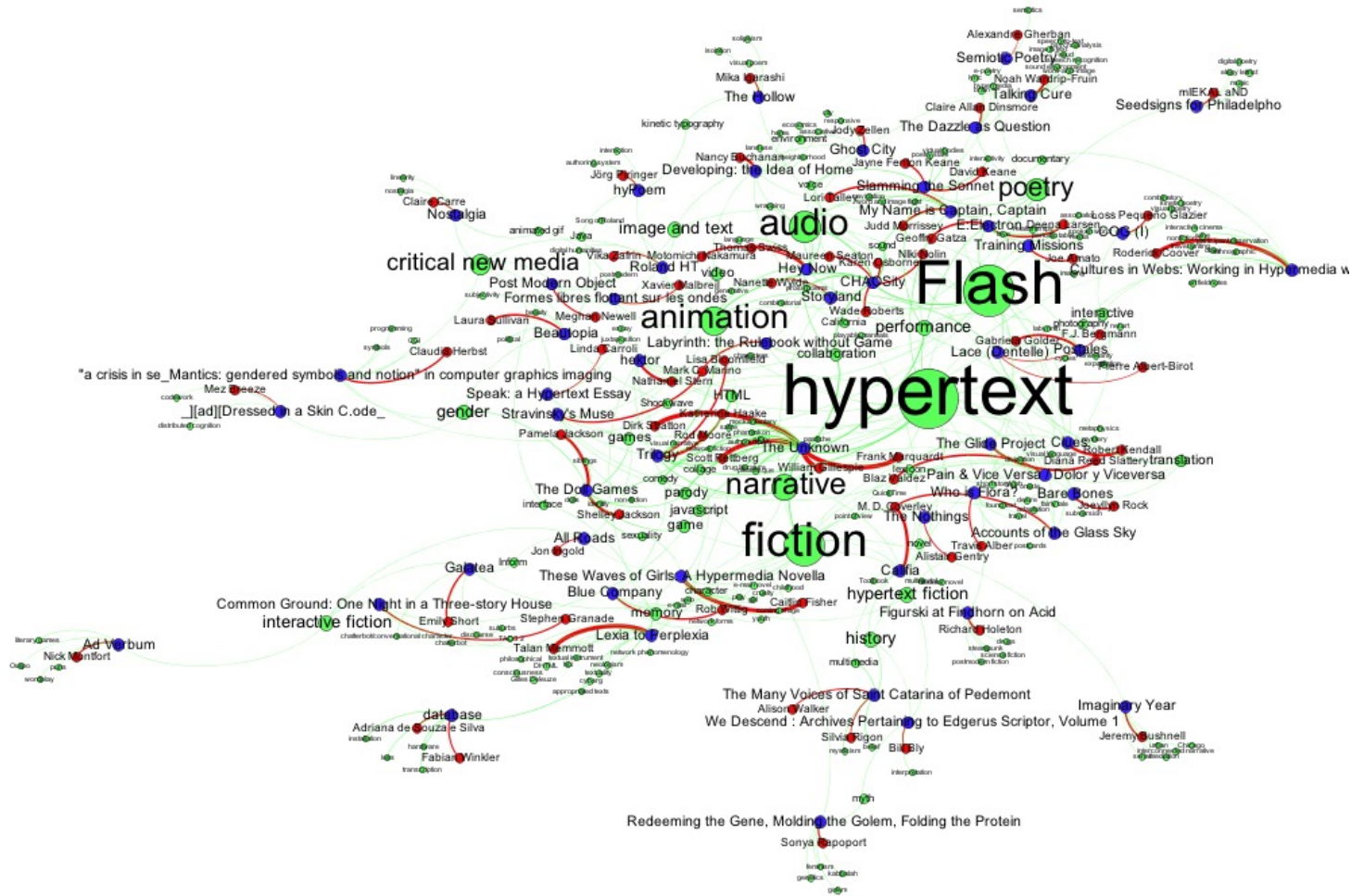
Doing “distant reading” from  
large datasets



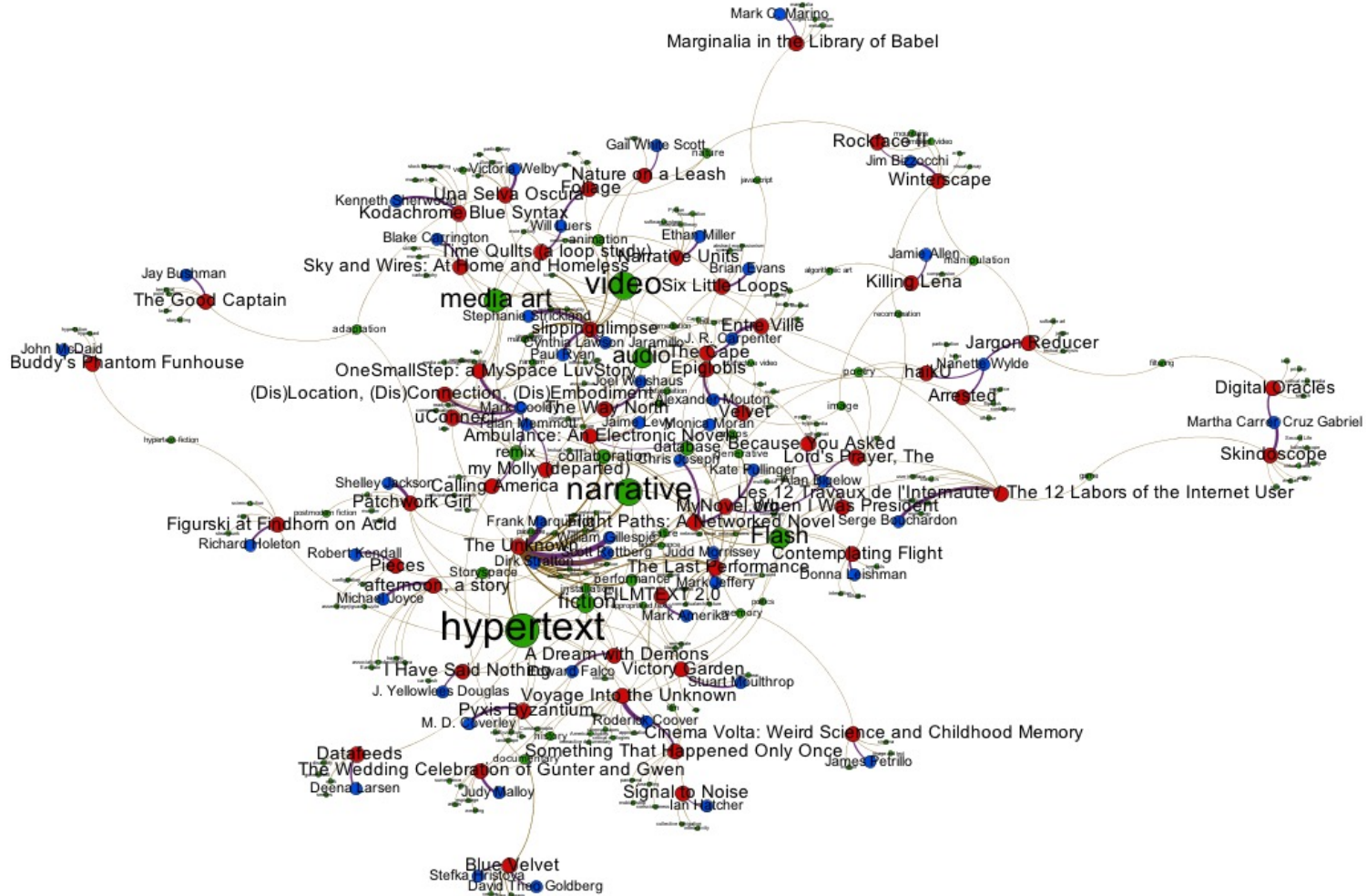
Authorship of creative works documented in the KB



Authorship of works documented in the KB



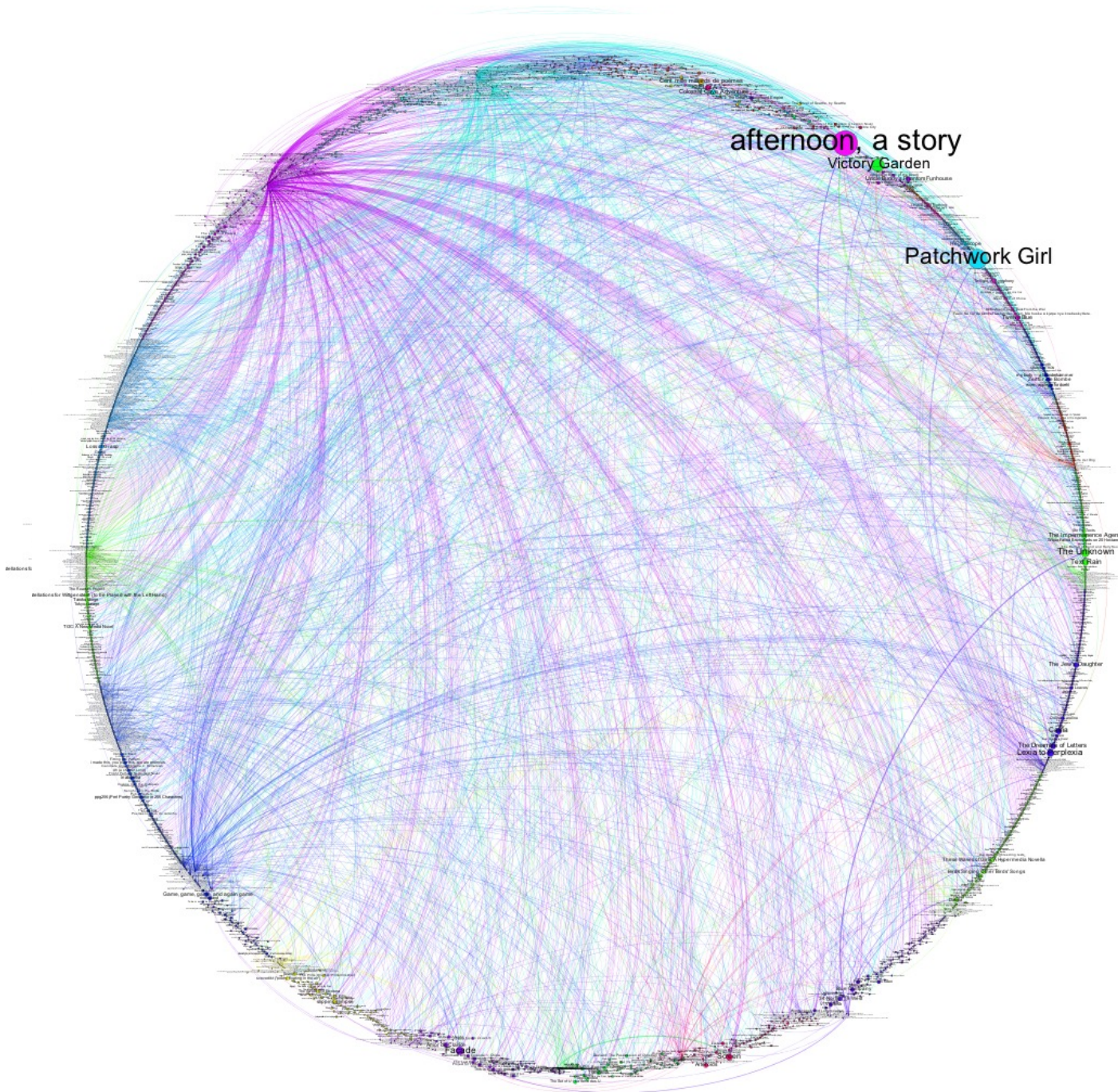
2002 ELO State of the Arts Exhibition



2008 ELO Media Arts show



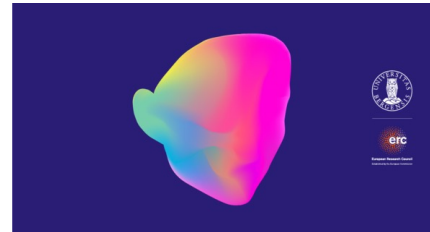






Marie Skłodowska-Curie Actions  
Developing talents, advancing research

ELMCIP is part of the reason we got grants (Big Grants)



Forskningsrådet

Extending Digital Narrative

# Challenges and Lessons

Resource needs: maintenance, development, editorial layer, design, hosting

Preservation: 100 year vs. few year perspective

Institutional investment / ownership of DH research infrastructure

Community involvement in content development

Communication with user base

Documentation / tutorials

Over time, user expectations outstripped the capacities of our team to fulfill them.



At the same  
time, our  
technical and  
editorial  
resources  
were reduced  
over time.

It is ultimately impossible for one small team at one university to maintain comprehensive documentation of an entire field.

The goal of making ELMCIP a *contributory database* grown by *the field* of electronic literature has met with limited success. Instead, the field came to rely on ELMCIP, rather than ELMCIP relying on the knowledge community in a more symbiotic relationship.

It takes a village to maintain a database.

ELMCIP was  
both a  
beneficiary  
and a victim  
of “scope  
creep.”

As our team over time realized what new functionalities we could develop, it was very difficult to resist adding new features to the database.

As a result, what started out as a relatively simple bibliographic / metadata resource became more complex.

This is great when you are using the database for a variety of different research purposes, but it makes it more difficult/costly to maintain and upgrade.

The cross-referential model on which ELMCIP is based results in thinner data (stub records)





# Who is going to pay for all this?

After the original ELMCIP funding ran out (in 2013), we ran into a common problem for DH projects. There was a need to scratch for basic funds to keep the database running.

Even minimal support was essentially beyond our means. When we did find that support, most of our resources had to go to tech support, not editorial support.

Within the university, the database became a kind of hot potato.

Keeping the lights on was an exhausting process of annual negotiation.

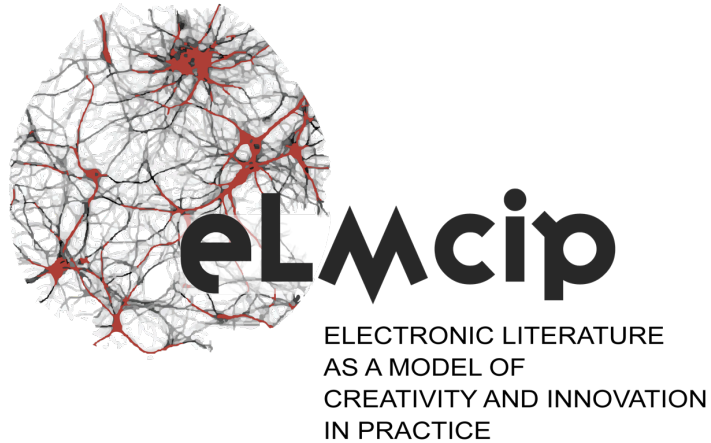
Every field in  
a database  
has  
ideological  
implications,  
whether  
intended or  
not

- For example: the situation of a trans author changing gender and/or name. How do we avoid doing harm through data?
- The coverage of the database (of work of authors of different nationalities, identities, languages) also becomes a source of controversy.
- In becoming the most extensive database in the field, expectations were raised that ELMCIP could/should cover the *entirety* of the field, even parts that were unknown to us.

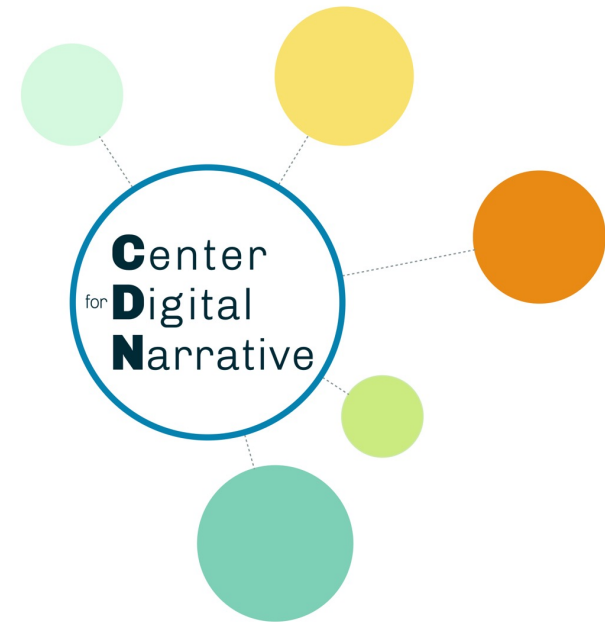
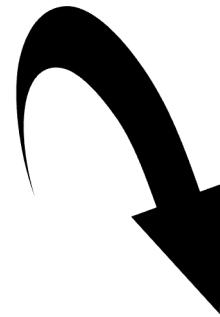
# Accessibility is a challenge

- Both our awareness and the infrastructure for accessibility were different when we built the database 13 years are different than they are now
- While there is much we can do to make ELMCIP more accessible that is easily accomplishable as we change the platform, reworking existing records will entail significant resources
- But it is important to prioritize making data (and electronic literature) accessible to everyone

# What's Next?



From the ELMCIP Electronic  
Literature Knowledge Base



to the Digital Narrative Database

# After 13 years, it's time for a transition

- We can't take care of two large databases at once.
- CDN plans to document and analyze other types of narratives beyond electronic literature per se
- For example, narrative computer games, computational narrative systems, social media narratives, narrative works in VR/AR, AI based narrative work
- Focus on specific examples, not completionism

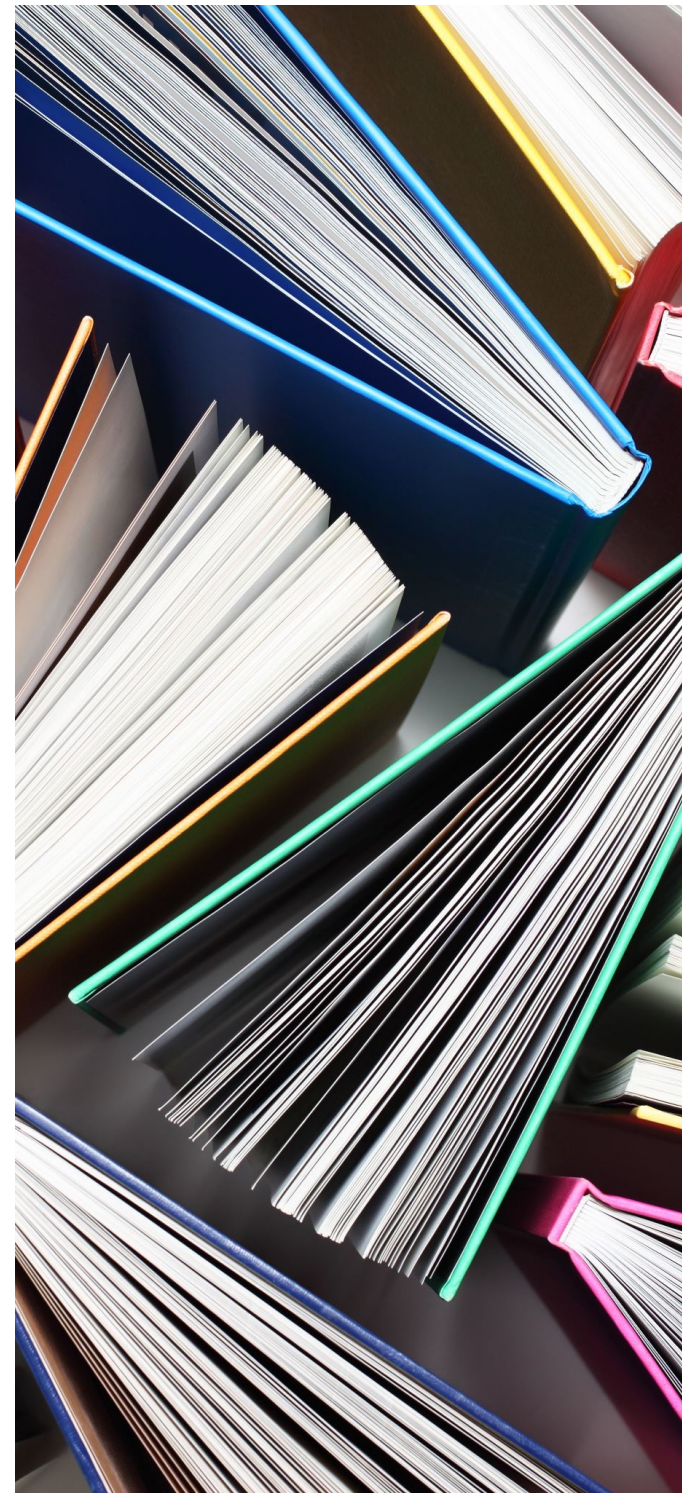


## First: Take Care of ELMCIP

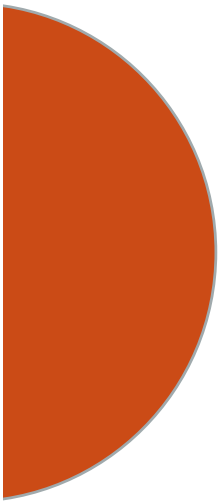
- Housecleaning – fixing existing records, clear out the cobwebs
- Complete Drupal migration
- Create static snapshot of ELMCIP
- Preserve the data
- Open up data for more uses (open wikidata)

# Then: Develop the Digital Narrative Database

- Digital narratives include electronic literature, but not only electronic literature
- No intent to cut or diminish existing data – ELMCIP data will be in the DND
- But there is a need to address other research needs in a more specific and focused way
- And reassess certain practices

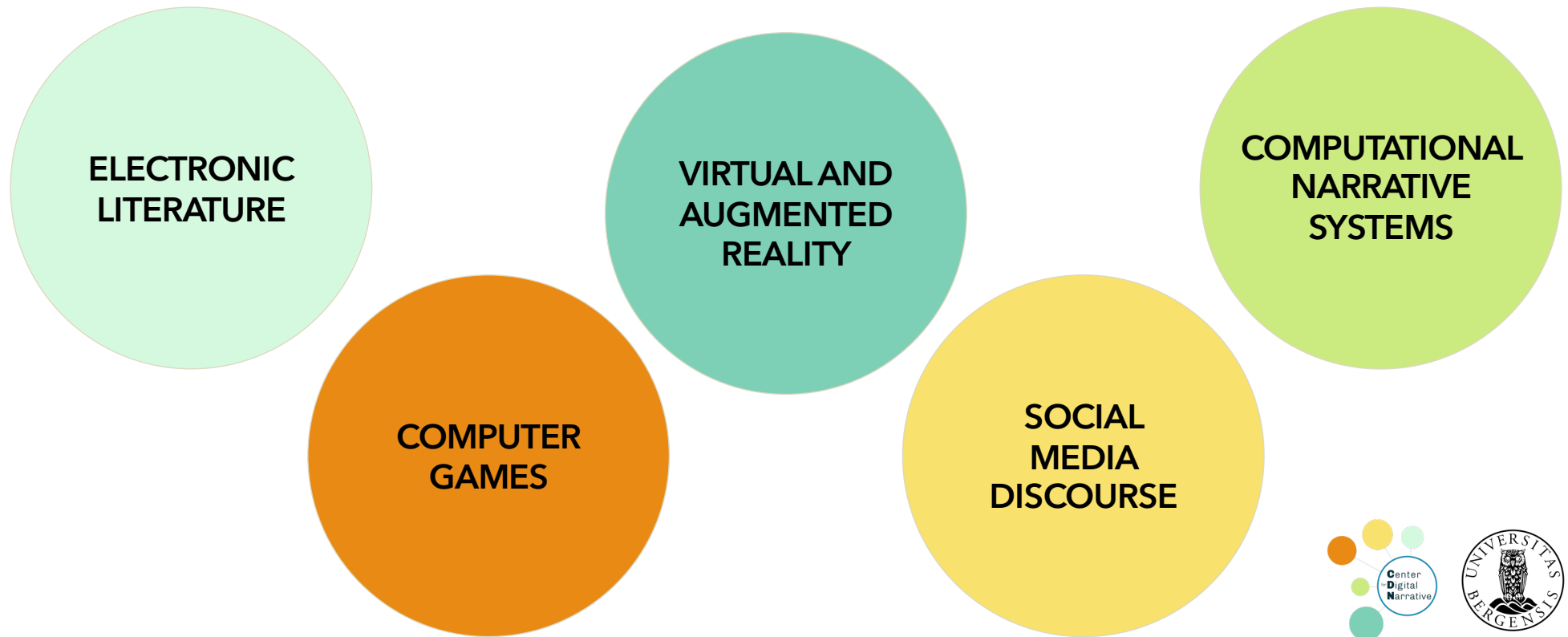


***Algorithmic narrativity*** is the combination of the human ability to understand experience through narrative with the power of the computer to manipulate symbols and process and generate data.





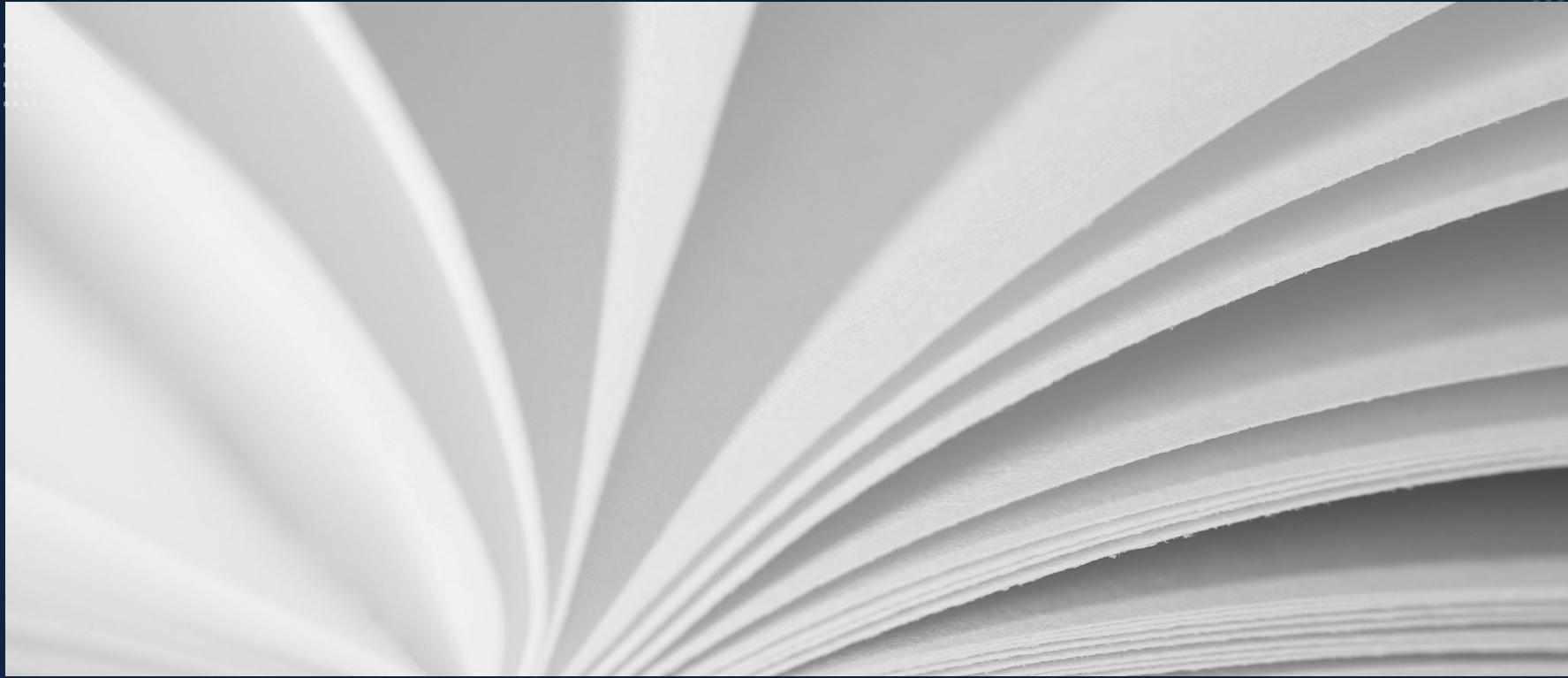
# Exploring Diverse Forms of Digital Narrative



## Basic Research in Digital Narrative

- Documenting and analyzing works, models, and functions of digital narrative.
- Comparative analysis of digital narratives across genres, media, and historical periods.
- Developing a theory of social media narratives that builds upon algorithmic narrativity.
- Studying audience experience across diverse populations using innovative methods combining ethnography, audience analysis and community co-design.
- Developing and analyzing innovative experimental exemplars of new forms of digital narrative.





# Reassess and Rebuild Better

- Focus on richer, encyclopedia-style entries
- Reconsider aspects of the contributory model, taking into account the fact that most of the work is already done in-house
- Limit scope creep
- Communicate scope and intent clearly to users
- Prioritize accessibility
- Keep extensibility and purpose-specificity in mind
- Prioritize data management
- Acknowledge the endgame from the beginning.

The great news:  
We finally have  
real resources,  
and more than  
ever before!

- We built the database into the plan for the Center for Digital Narrative
- Center staff will include a research technologist working 50% on database development, research assistants focused on the database
- ELMCIP is built into our Digital Culture curriculum, and students will continue to work with and on the Digital Narrative Database
- Center researchers, PhDs and post-docs will all contribute and develop data
- Strong support from IT (on tech), and library (on data)
- Strong support from national Norwegian Research Infrastructure

Thanks for your attention,  
good luck and best wishes,  
my fellow digital humanists!



Questions? And discussion.

