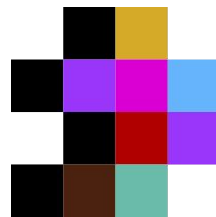


Consulting for digital humanists

The cultural shock developing tools and pedagogy



CDHU

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Uppsala
Department of ALM
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Marie Dubremetz

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 www.mariedubremetz.com

Engineer in Digital Humanities

Located here:



And on spared time:



Past digital humanists at FOSDEM

Past digital Humanists at FOSDEM

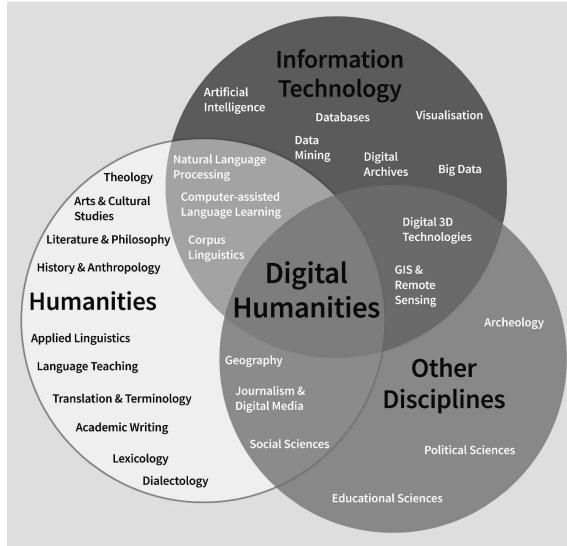
From pipe dreams and waste to functional accretion: building a capable infrastructure for the Digital Humanities. Thank you FOSDEM! [Jan Johnson](#)

Executable papers in the Humanities, or how did we land to the Journal of Digital History [Daniele Guido](#)

Using Advene to accompany research in AudioVisual Digital Humanities [Olivier Aubert](#)

Stylo : a user friendly text editor for humanities scholars [Antoine Fauché](#)

What is Digital Humanities?



What is an engineer in Digital Humanities?

someone technical that will have expertise in one or several domain of computer science and whose mission is to help humanists in their projects (i.e. philosophy, literature, history, sociology, archeology...)

Examples

star star star gold camel fire water fire wheat fire water dove loaf bread bread sea darkness light light sea sea salt salt salt
light light lamp lamp shine light shine fire white black sun dove lamp lamp light dark light darkness darkness grass pearl swine bread
thistle fire rock rock sand darkness sea sea sea swine swine swine sea water sea sea sea blood gold silver brass dove
darkness light water sea light grain grain bread sea rocky sun rocky wheat wheat wheat grain mustard fire fire shine sun pearl
pearl sea fire desert desert loaf grass loaf loaf sea sea sea water water bread bread sea loaf loaf loaf red red bread bread bread loaf
loaf bread bread flesh blood rock
light darkness sea gold gold gold camel white blood blood blood blood olive flight flesh desert lightning shine sun
darken moon light star lamp lamp lamp lamp lamp darkness fire silver bread loaf blood vine olive flesh silver blood silver silver
blood blood silver water blood blood darkness rock linen rock lightning white snow camel water water dove sea sea sun desert sea
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golden blood flesh blood blood blood water blood blood blood blood blood blood blood blood blood flesh water blood
enlighten star sand sea blood red sea fire flight desert blood bastard flesh fire blackness darkness blood fire blood blood blood
sea grass sun grass light gold fire fire fire sea olive vine salt water gold silver flesh fire blood gold fire silver gold blood flesh
grass grass grass milk rock darkness light fleshly golden flesh water flesh flesh flesh flesh sea flesh lamp shine dark star
darkness flesh water blackness darkness flesh water water water fire fire light darkness darkness light light blood darkness light
shine light darkness light darkness darkness darkness flesh flesh water blood water water blood water blood flesh darkness flesh
fire flesh rock water sea star blackness darkness fire flesh blood golden lamp lamp golden white white snow flame fire brass water
star sun shine star golden lamp star lamp star golden lamp lamp white flame fire brass iron star star white white gold fire white
white gold lightning lamp fire sea golden blood sea white red black wheat sea blood white sun black moon blood star rock sea
sea sun sea sea white white white blood sun water golden golden smoke fire lightning fire blood green grass fire sea sea blood sea
star lamp water star wormwood water wormwood water sun moon star darken shine star smoke smoke sun darken smoke smoke
grass green gold iron golden fire fire smoke fire smoke gold silver brass wood sun fire sea sea sea sea lamp fire water blood
lightning sun moon star red star iron blood sea water sand sea sea wound wound wound fire wound water sea water sea sea fire
smoke white golden fire vine vine blood sea sea sea sea sea fire sea sea shine linen golden golden smoke sea blood sea water blood
water blood blood sun fire darken water sun lightning olive water sea purple gold pearl golden blood blood water flesh fire lighten
fire smoke gold silver pearl linen purple citron wood ivory wood brass iron sea wheat linen purple gold pearl sea smoke sea
sea light lamp shine blood blood smoke water linen linen white flame fire blood white linen white iron sea sun flesh flesh flesh
flesh flesh fire flesh sand sea breadth fire fire white sea fire fire sea water fire golden breadth breadth gold pearl pearl gold sun
moon shine lighten light light water lamp light sun light star water bread rock loaf olive olive bread light darkness rock light shine
darkness wheat sea

Helping the theologist showing
the colors of the bible.

Building online databasis for art historians

MEDIATING WORDS AND IMAGES: DANTE'S COMEDIA AS A STUDY CASE BY DALIA ORTIZ



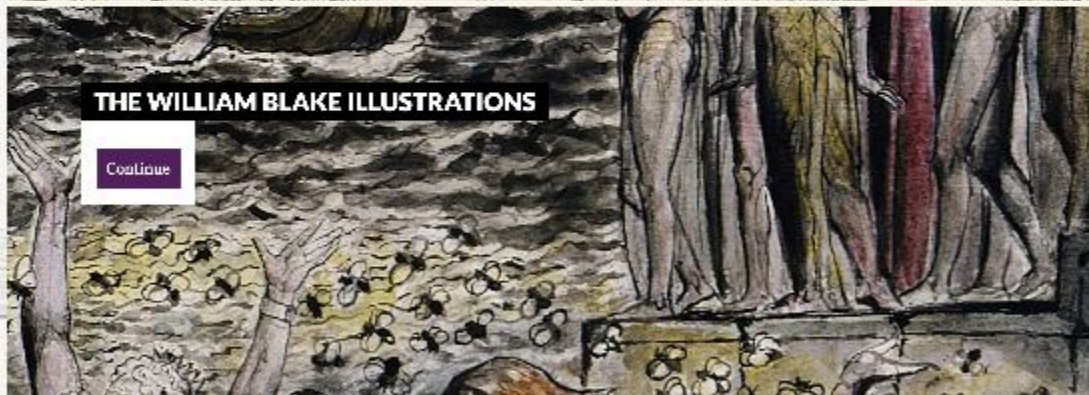
THE WILLIAM BLAKE ENGRAVINGS

Continue



THE WILLIAM BLAKE ILLUSTRATIONS

Continue



<i>Main applicant</i>	<i>Department</i>	<i>Seniority</i>	<i>Gender</i>	<i>Title</i>	<i>Technical need</i>
Agnieszka Backman	Scandinavian Languages	Postdoc	Female	Networked Accessibility and Discoverability of Digital Cultural Heritage Data	Web scraping
Tuva Haglund	Literature	Postdoc	Female	Among the Wattpad readers	Web scraping, text mining
Harald Hammarström	Linguistics and Philology	Associate professor	Male	Hosting Gramfinder	Virtual machine
Ashleigh Harris	English	Professor	Female	The Contemporary African Ephemeral Literatures Archive (CAELA)	Online portal with crowdsourcing capacity
Isto Huvila	ALM	Professor	Male	Automatic identification of paradata	NLP, object recognition
Beata Megyési	Linguistics and Philology	Professor	Female	Automatic decryption of historical manuscripts	Computational space and resources, GUI
Matti La Mela	FEK/ALM	Postdoc	Male	Text mining commodification	Classification of OCRd text
Michaela Vance	English	Postdoc	Female	Attribution study on France's Brooke's 18th Century Libretto Marian	OCR, stylometry

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CS, Engineers

VS

Humanists

Male audience

Programming is the norm (Linux/Mac, latex, terminal app...)

Industry influence (salary, practices...)

Broad, commercial topics...

Metrics oriented(quantified performance, speed)

Female/mixed audience

Point and click and often proprietary is the norm (Windows, Mac, pptx, word...)

Academic job culture

Scarce data, niche topics.

Question oriented



CS, Engineers

VS

Humanists



How can we help each others?

— Digital humanists and free software —

- Lack of visibility
- Lack of cohesion
- Lack of common references (but not of common values!)
- Some Free softwares.... but also some Freewares





Digital humanists and free software



- Receptive audience: Enlightenment was studied in the humanities before Stallman.
- Lot of activism
- Nascent varied motivated community
- Financial means (grants)
- Diverse different from our usual dev crowd
- Know communication, science of education, ethics, think critical.

Questions?

- Ideas to reach this community?
- How to make them feel welcome?

THANK YOU!

The slides after this are kept for illustration purpose for the question session.



References

CDHU Website: <https://www.abm.uu.se/cdhu-eng>

Marie Dubremetz's website www.mariedubremetz.com

Philosophy:

Ethique du Libre: une lecture philosophique par Véronique Bonnet

<https://videos.ubuntu-paris.org/videos/watch/1c850141-7958-4e84-a49a-f665401f67f6>

Pedagogy

[Introduction to Cultural Analytics & Python — Introduction to Cultural Analytics & Python \(melaniewalsh.github.io\)](https://melaniewalsh.github.io)

<https://mardub.gitlab.io/song/>

 Marie Dubremetz 

 email: marie.dubremetz@abm.uu.se

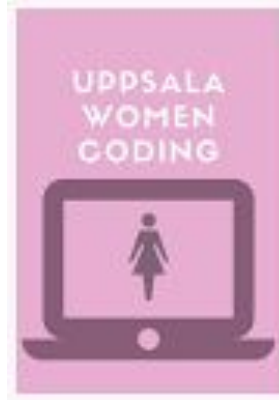
 mastodon: [mardub@paille.fr](https://paille.fr/@mardub)

Engineer in Digital Humanities

Located here:



And on spared time:



Asking the right question as engineer

Context: what is your domain? What does this domain focus on?

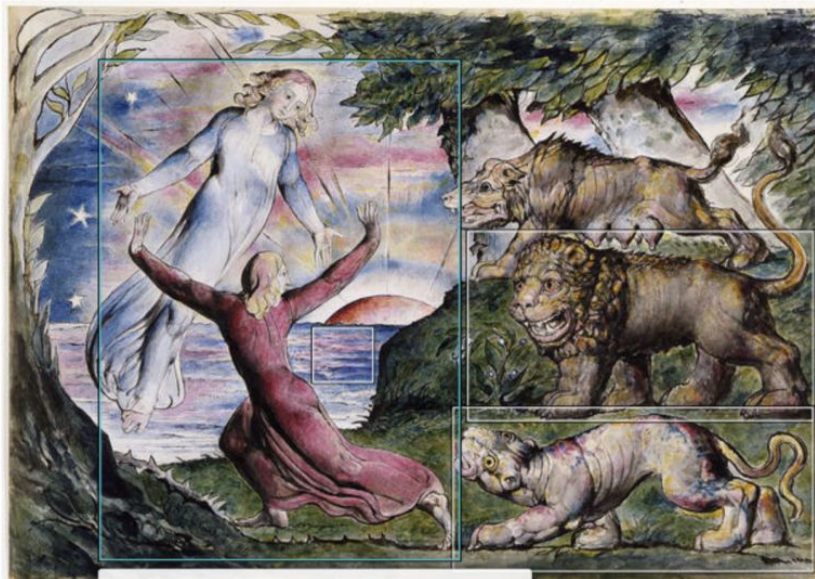
What is the problem you try to solve?

(eventually) What did you already try to solve your problem? What tools did you use?

What are the data you have (or hope to collect?)

Can you present me your data? Size, format, how has it been collected?

Dante Running from the Three Beasts



DESCRIPTION Person on red dress protecting the angel. At Commedia col commento di Cristoforo Landino and the other book. SOURCE FILE

Title : Illustration of Dante's "Divine Comedy". Origination : William Blake inventor, delineator, colorist.
Date: 1824-27
Composition : In comedia: s "Divine Comedy". Origination : William Blake inventor, delineator, colorist.
pergamena 'perchè l'altra copia che esiste nella principale Biblioteca di Parigi, oltre al mancare di qualche carta ha quasi tutte le altre difettose.

This media is tagged by:
In the other book

Digital humanists and free software

- Lack of visibility
- Lack of cohesion
- Lack of common references (but not of common values!)
- Some Free softwares.... but also some Freewares



spaCy



-
- Receptive audience: Enlightenment existed in the humanities before Stallman.
- Lot of activism
- Nascent varied motivated community
- Financial means (grants)
- Know communication, science of education, ethics...

Examples of projects

- Webscraping of old swedish Manuscripts in national libraries
- Researcher studying 10 ebooks.

Examples of projects

- Webscraping of e-books
- Researcher studying 10 ebooks.



Point and click webscraper



Point and click concordancer

Examples of projects

- Webscraping of old
- Researcher studying 10 ebooks.



Point and click webscraper



Point and click concordancer

Both freeware, neither free software!

Did you say *Engineer* in *Humanities*!?

duckduckgo.com

"Engineer in digital humanities"

All Images Videos News Maps Settings

US (English) Safe search: moderate Jan 1, 1990 - Jan 1, 2015

<https://digitalhumanities101.wordpress.com> > 2013 > 10 > 16 > game-based-technology-in-digital-h...

Game based technology in Digital Humanities | DH101

No more results found for "Engineer in digital humanities".

Suggestions:

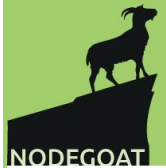
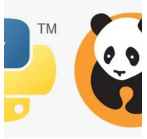
- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Tools

some OS and Free softwares....



spaCy



GitLab

but also some Freewares

