King's Digital Lab

huygens ing

King's College London

Design as part of the plan: sustainability in digital editing projects

Digital Scholarly Editions as Interfaces
International symposium

We are

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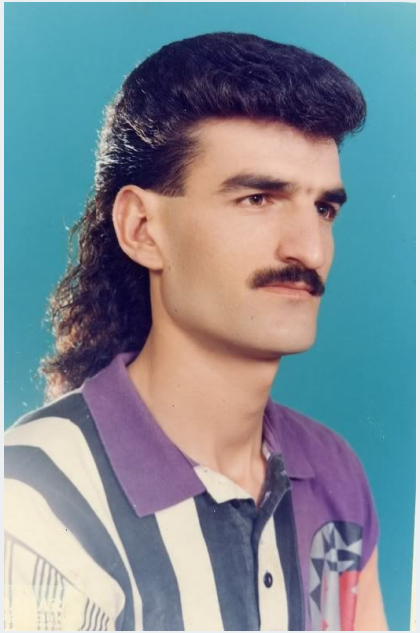
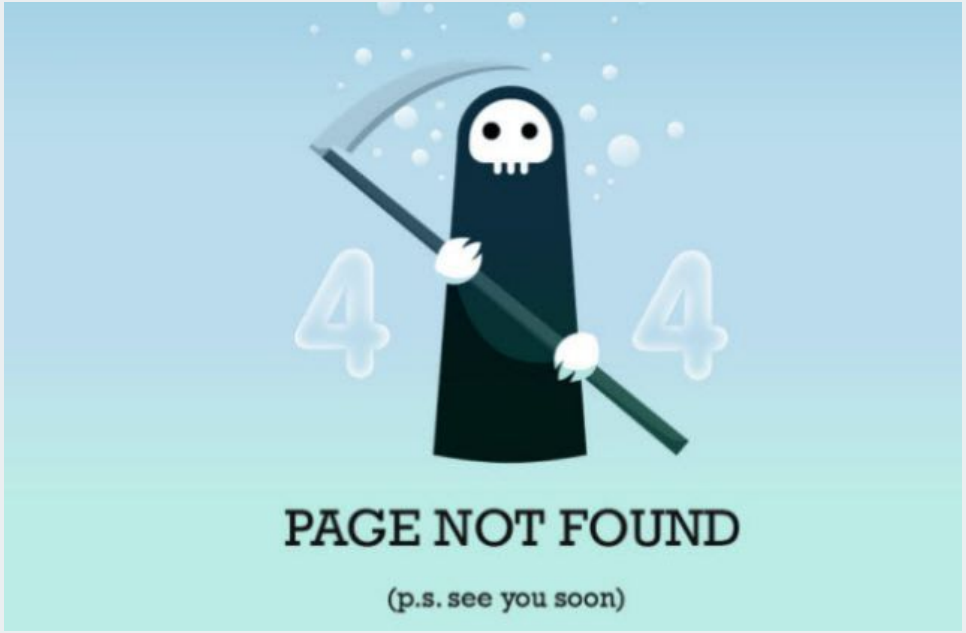
@HuygensING

From the early 90s

...

Still going strong





Houston, we have a problem

In Mission Control the Gold Team, Apollo 13 Expeditions to the Moon, Houston - April 13, 1970 http://www.hq.nasa.gov/office/pao/History/SP-350/ch-13-1.html

What's that?

We are stuffing content in a box that doesn't fit.

Maybe we should build a new wrapper around the content.
And it has to last longer, maybe grow with it too.

It needs to be flexible, thus sustainable.

It's not just DSE

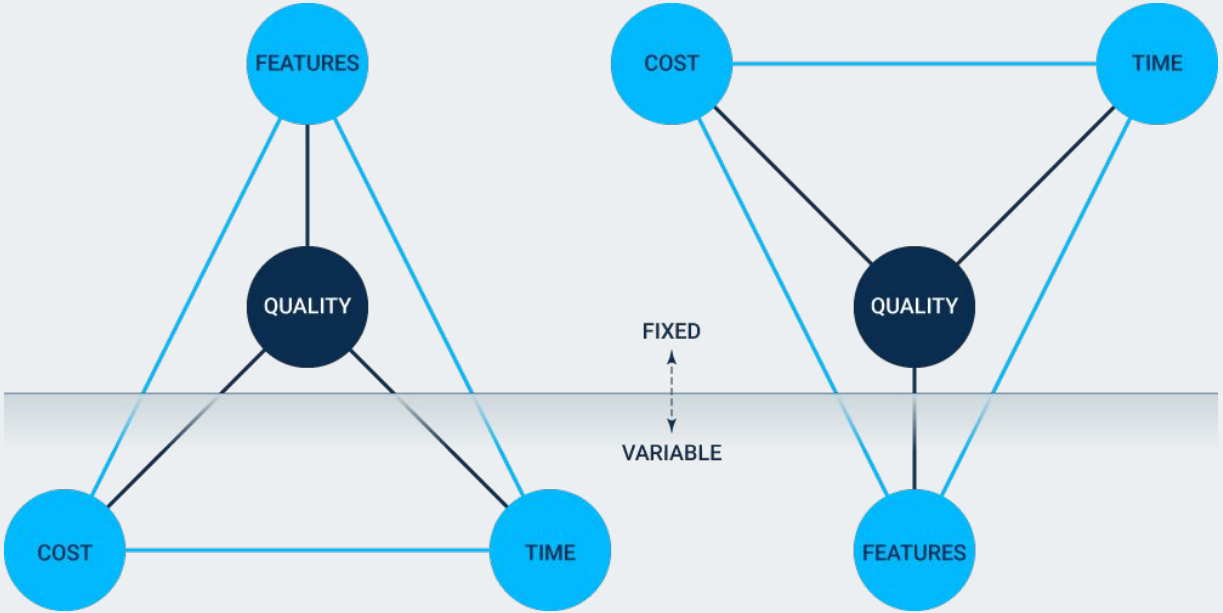
Project development = content design / information architecture

What's fixed and what can be flexible?

Time vs Costs vs Features

Without compromising on **quality**

Waterfalls



Agile

What to do?
We are trying to be more… Agile.

An iterative methodology that supports a flexible approach to development assigning different priorities to tasks.

Faults are discovered and fixed early in the process.
The final product is functional because the minimum requirements are always satisfied (if not, the project fails).

Agile in a nutshell

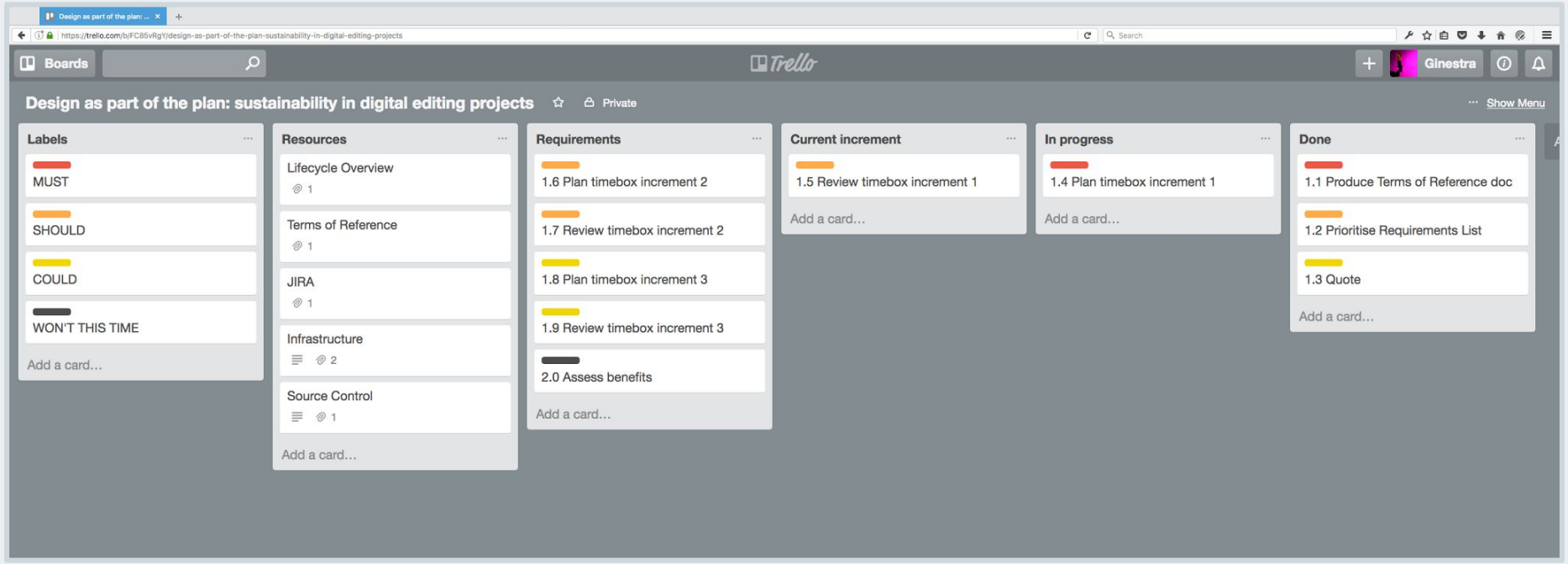
- Iterative / incremental design
- Willingness to explore & adapt
- Responding to change
- Face2face collaboration
- Valuable product
- Tasks' prioritisation - MoSCoW

Find out more about Agile: https://www.agilealliance.org/

MoSCoW approach

M ust	The most vital things you can't live without
o	
S hould	Things you consider important, but not vital
C ould	The 'nice-to-haves' ; desirable but not necessary
o	
W on't do this time	Things that provide little value and that you can give up - Life is short*

How does it look in an actual project?


Design as part of the plan: ...
https://trello.com/b/FC85vRgY/design-as-part-of-the-plan-sustainability-in-digital-editing-projects
Search
Boards
Trello
Ginestra
Design as part of the plan: sustainability in digital editing projects
Private
Show Menu
Labels
MUST
SHOULD
COULD
WON'T THIS TIME
Add a card...
Resources
Lifecycle Overview
1
Terms of Reference
1
JIRA
1
Infrastructure
2
Source Control
1
Add a card...
Requirements
1.6 Plan timebox increment 2
1.7 Review timebox increment 2
1.8 Plan timebox increment 3
1.9 Review timebox increment 3
2.0 Assess benefits
Add a card...
Current increment
1.5 Review timebox increment 1
Add a card...
In progress
1.4 Plan timebox increment 1
Add a card...
Done
1.1 Produce Terms of Reference doc
1.2 Prioritise Requirements List
1.3 Quote
Add a card...

What does it have to do with Digital Scholarly Editing projects ?

Time and cost are often (strictly) fixed variables.
We all want to deliver good quality though.
Also, we all would like projects to keep running even after the funding period.

Sustainability

Set up an iterative workflow + Follow a process

Don't reinvent the wheel.
Don't do more than what you need.
(Do write documentation, but don't drown in it).

KDL's Workflow *

Also applicable to DSE projects

** Simplified for the sake of this presentation*

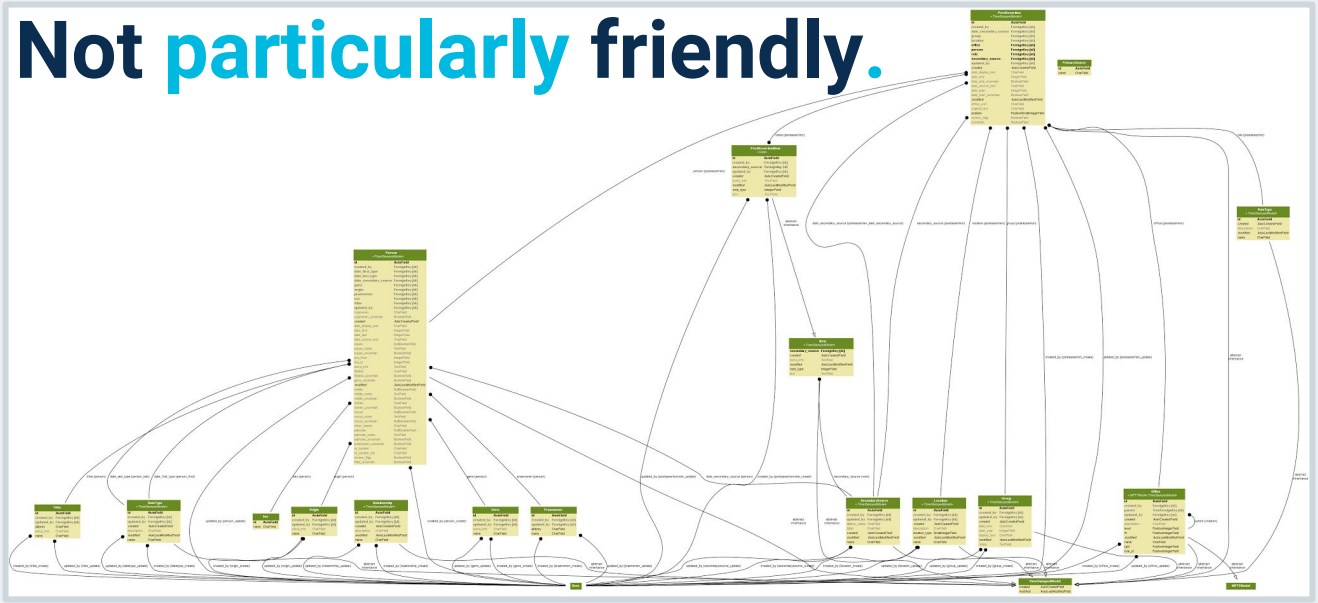
	No-go is still an option GO	No-go is still an option GO	No-go is still an option GO		
PRE-PROJECT	FEASIBILITY	FOUNDATIONS	EVOLUTIONARY DEVELOPMENT	DEPLOYMENT	POST-PROJECT
Understand the business case Discuss with Project Partners Produce a Term of Reference document	Outline solution architecture, development and delivery plan Prioritise Requirements List Quote	High-level schedule of **increments** Produce a summary for the final go/no-go decision	Timebox planning Daily stand-ups Timebox review records	Assemble Review Deploy	Assess if expected benefits are met

Content design / Information Architecture

Content is **king.**
So let's build around it.

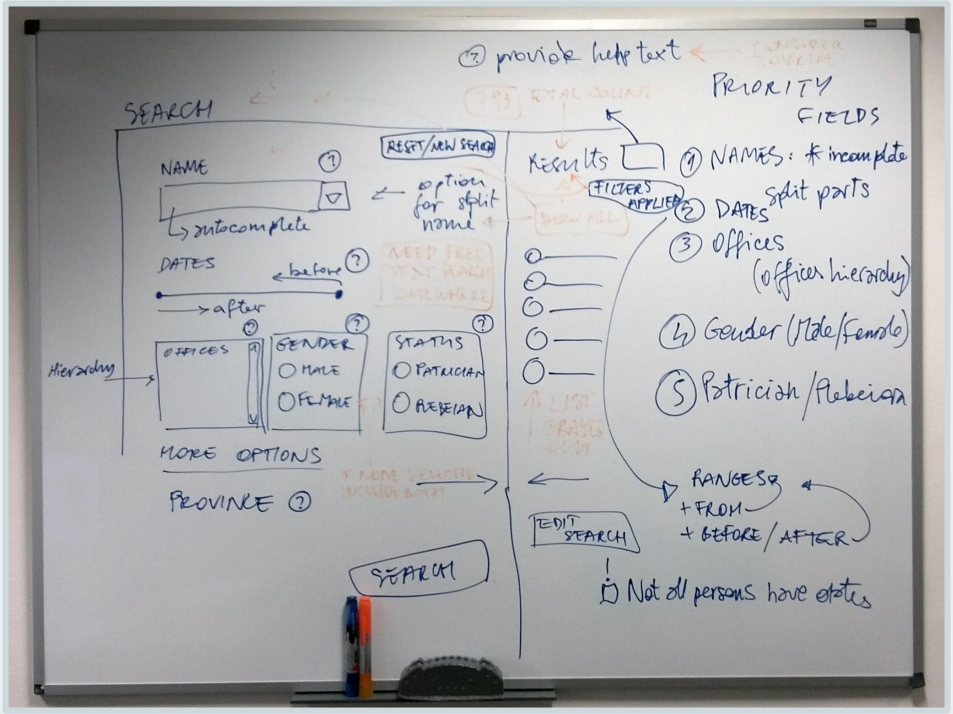
How a database structure looks like.

Not particularly friendly.



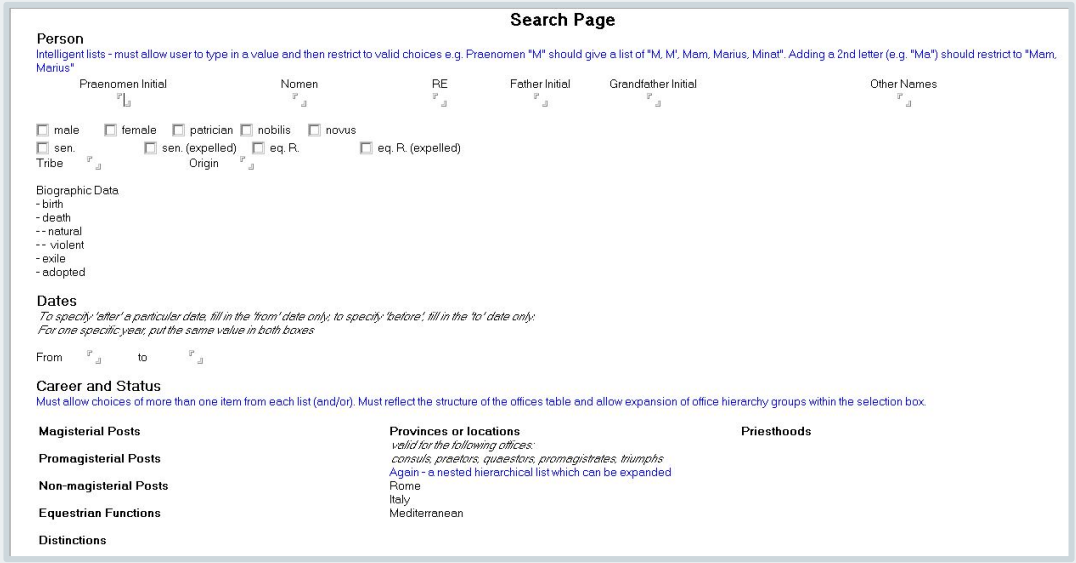
Move towards Human friendly.

- Get the conversation started quickly
- Don't design, sketch!
- Get feedback
- Move on to the next step



Work together

- Some feedback could look like this ------->
- Might not look appealing, but if it gets the point across, work with it.
- Because **design will help**



Search Page

Person

Intelligent lists - must allow user to type in a value and then restrict to valid choices e.g. Praenomen "M" should give a list of "M, M', Mam, Marius, Minat". Adding a 2nd letter (e.g. "Ma") should restrict to "Mam, Marius"

Praenomen Initial | Nomen | RE | Father Initial | Grandfather Initial | Other Names

☐ male ☐ female ☐ patrician ☐ nobilis ☐ novus

☐ sen. ☐ sen. (expelled) ☐ eq. R. ☐ eq. R. (expelled)

Tribe | Origin

Biographic Data
- birth
- death
- - natural
- - violent
- exile
- adopted

Dates

To specify 'after' a particular date, fill in the 'from' date only; to specify 'before', fill in the 'to' date only.
For one specific year, put the same value in both boxes.

From | to

Career and Status

Must allow choices of more than one item from each list (and/or). Must reflect the structure of the offices table and allow expansion of office hierarchy groups within the selection box.

Magisterial Posts

Promagisterial Posts

Non-magisterial Posts

Equestrian Functions

Distinctions

Provinces or locations
valid for the following offices:
consuls, praetors, quaestors, promagistrates, triumphs
Again - a nested hierarchical list which can be expanded
Rome
Italy
Mediterranean

Priesthoods

Project partners, Developers, Users

<insert smiley emoji here>

Everyone is happy.

Reset search

Know instantly the size of the pool of data you are exploring

Fine grain search

Free text search (not a priority for **this** particular project)

What does design do for you?

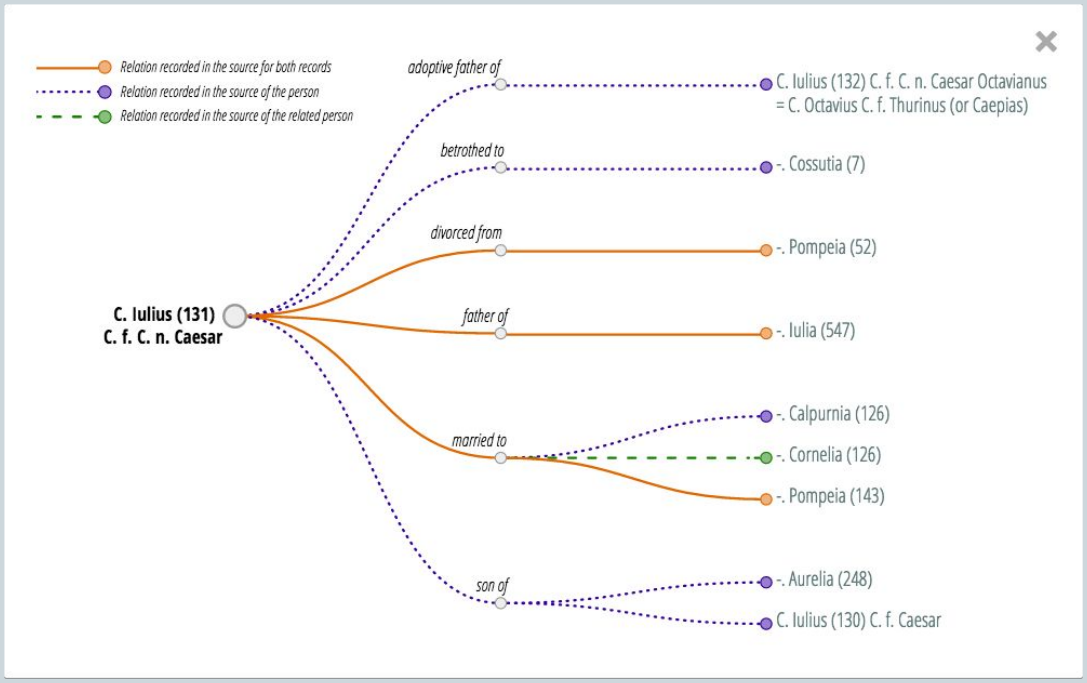
Gets your content across.
Makes it more accessible
and more rewarding for users to explore.

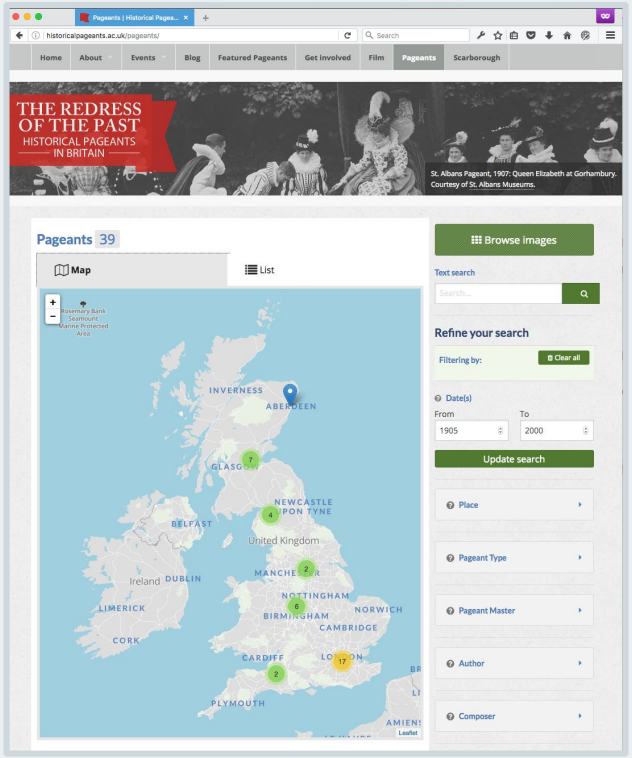
Text vs Visual

There is nothing wrong with text.
There is nothing wrong with visual.
Choose what delivers to your audience in that particular context.

Iulius Caesar (131)

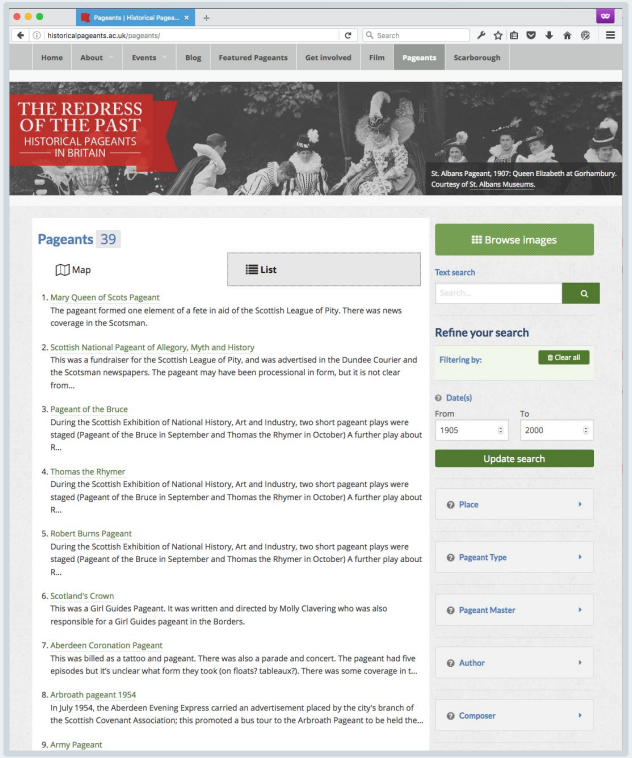
- Son of Aurelia (248) and Iulius (130)
- Married to Calpurnia (126), Cornelia (126), Pompeia (143)
- Father of Iulia (547)
- Divorced from Pompeia (52)
- Betrothed to Cossutia (7)
- Adoptive father Iulius (132)





Options

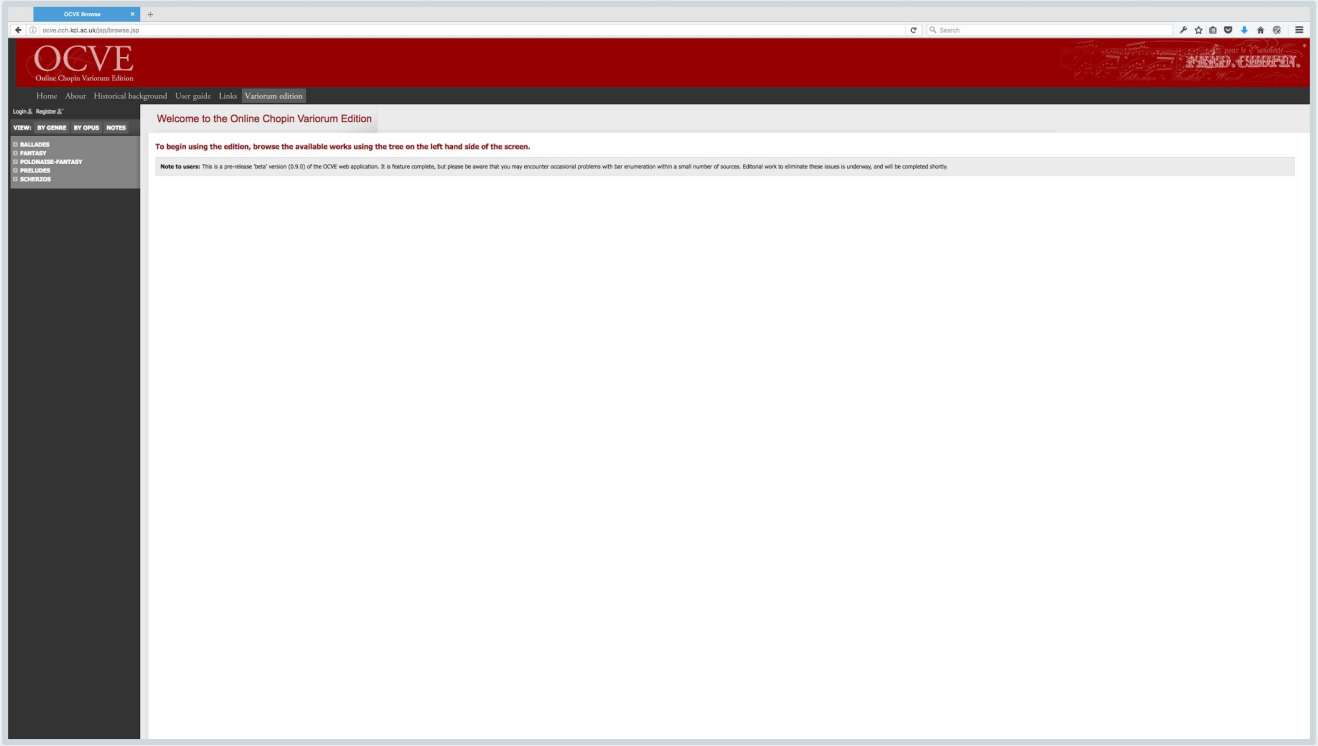
Whenever possible,
let users choose.



Search a body of work

Before

1


OCVE Browse
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Home
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BY OPUS
NOTES
BALLADES
FANTASY
POLONAISE-FANTASY
PRELUDES
SCHERZOS
Welcome to the Online Chopin Variorum Edition
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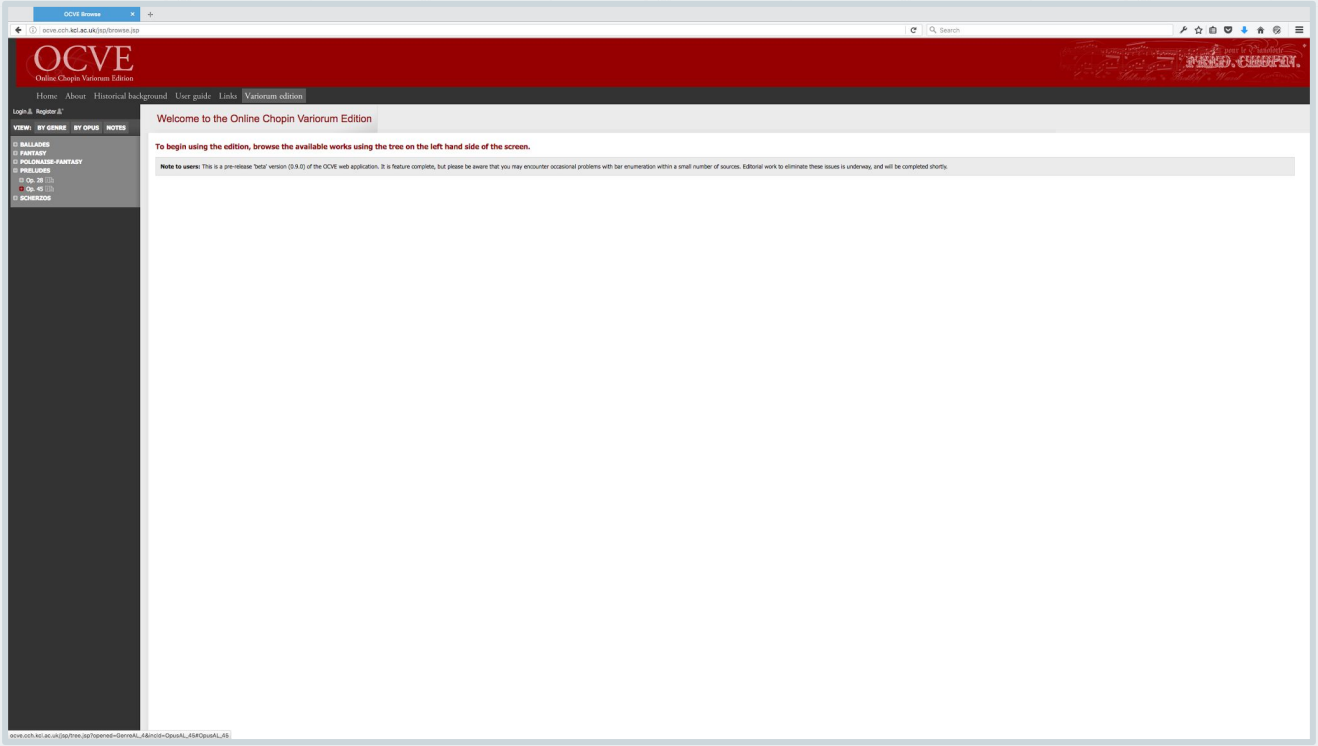
Note to users: This is a pre-release 'beta' version (0.9.0) of the OCVE web application. It is feature complete, but please be aware that you may encounter occasional problems with bar enumeration within a small number of sources. Editorial work to eliminate these issues is underway, and will be completed shortly.

2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User guide
Links
Variorum edition
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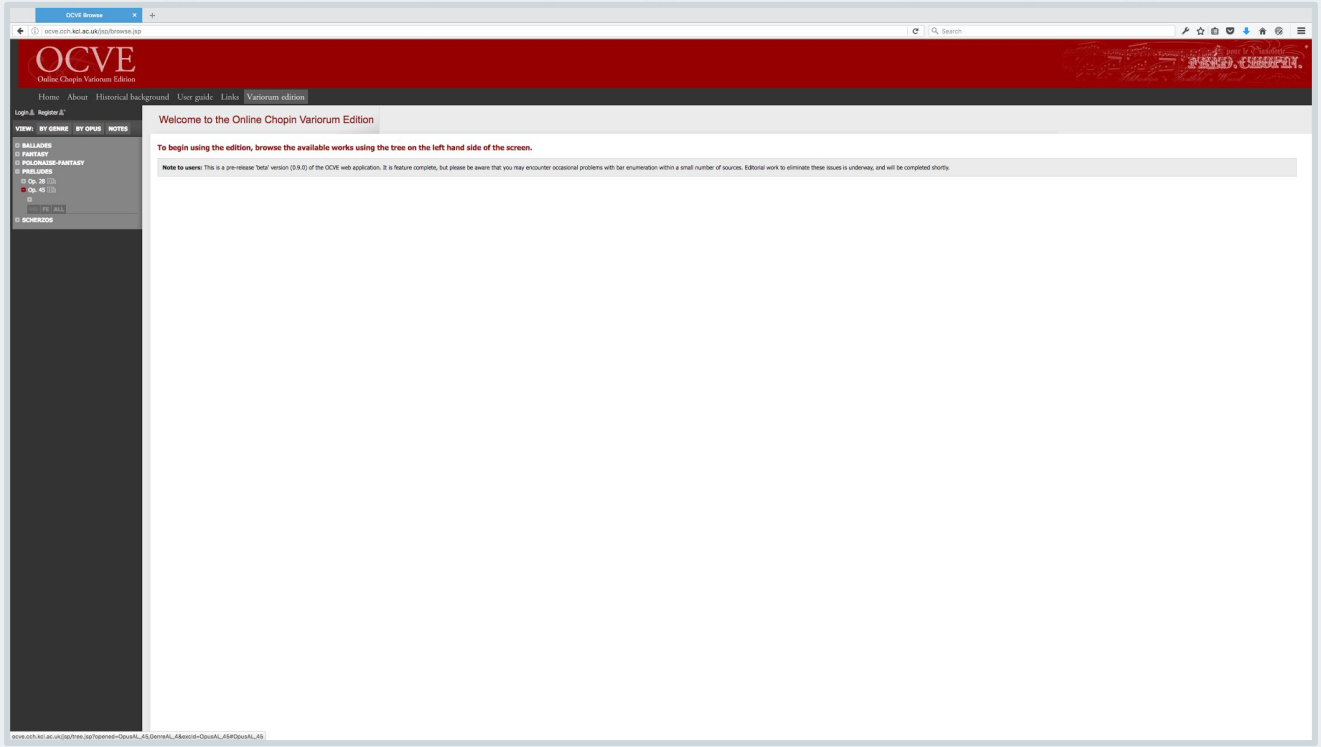
BALLADES
FANTASY
POLONAISE-FANTASY
PRELUDES
Op. 28
Op. 45
SCHERZOS

3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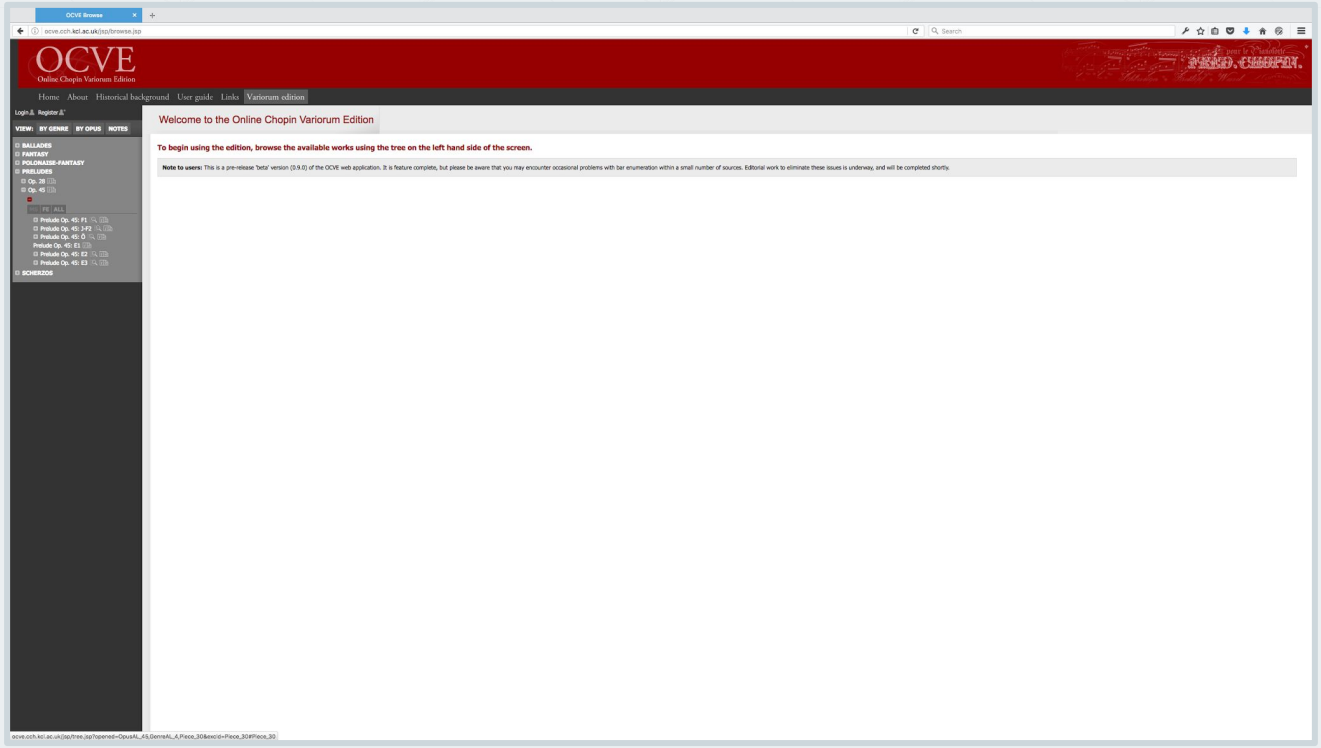
VIEW:
BY GENRE
BY OPUS
NOTES
BALLADES
FANTASY
POLONAISE-FANTASY
PRELUDES
SCHERZOS

4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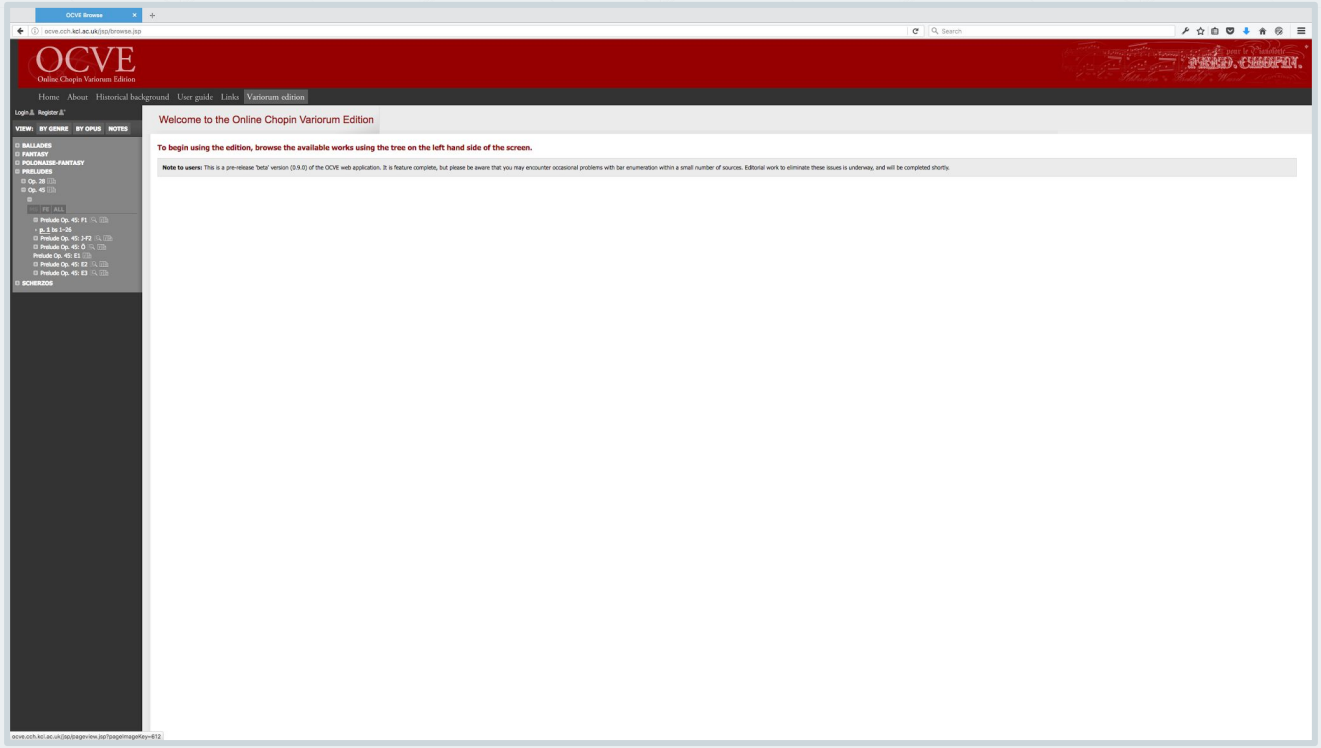
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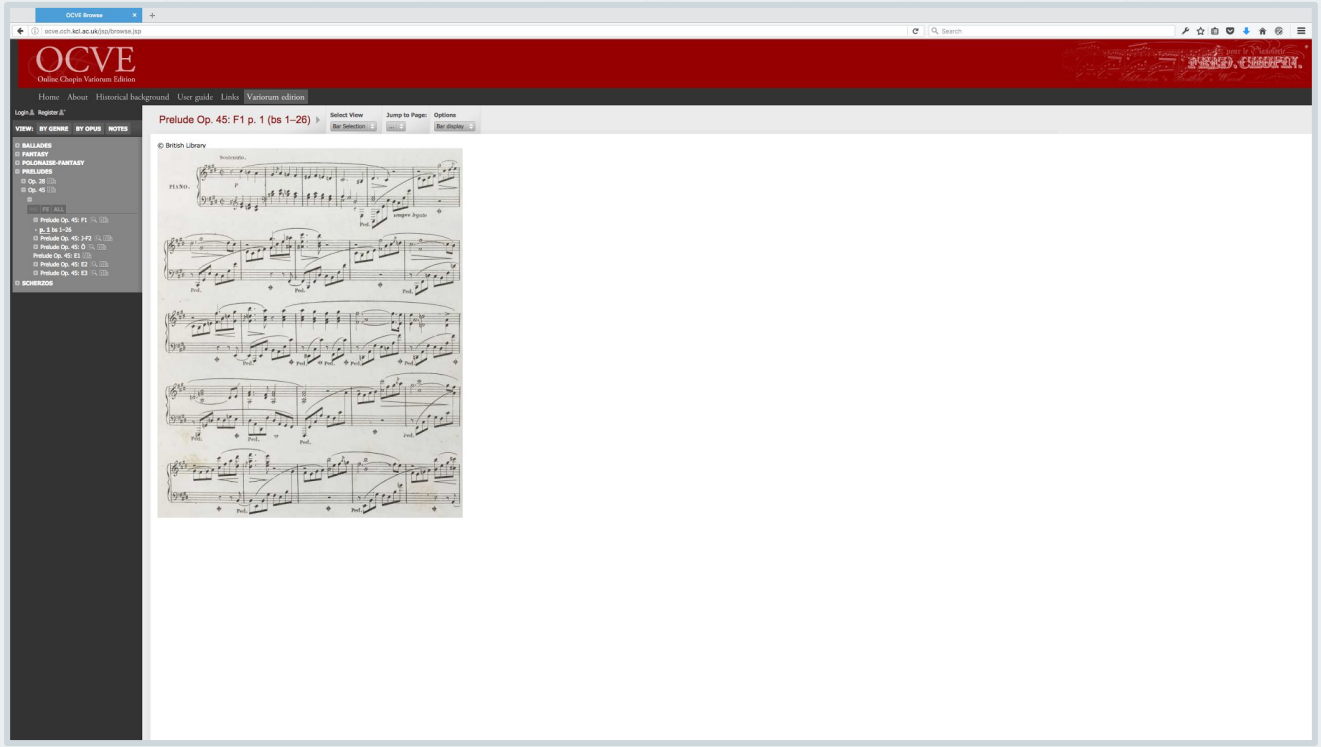
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Prelude Op. 45: F1 p. 1 (bs 1–26)
Select View
Jump to Page:
Options
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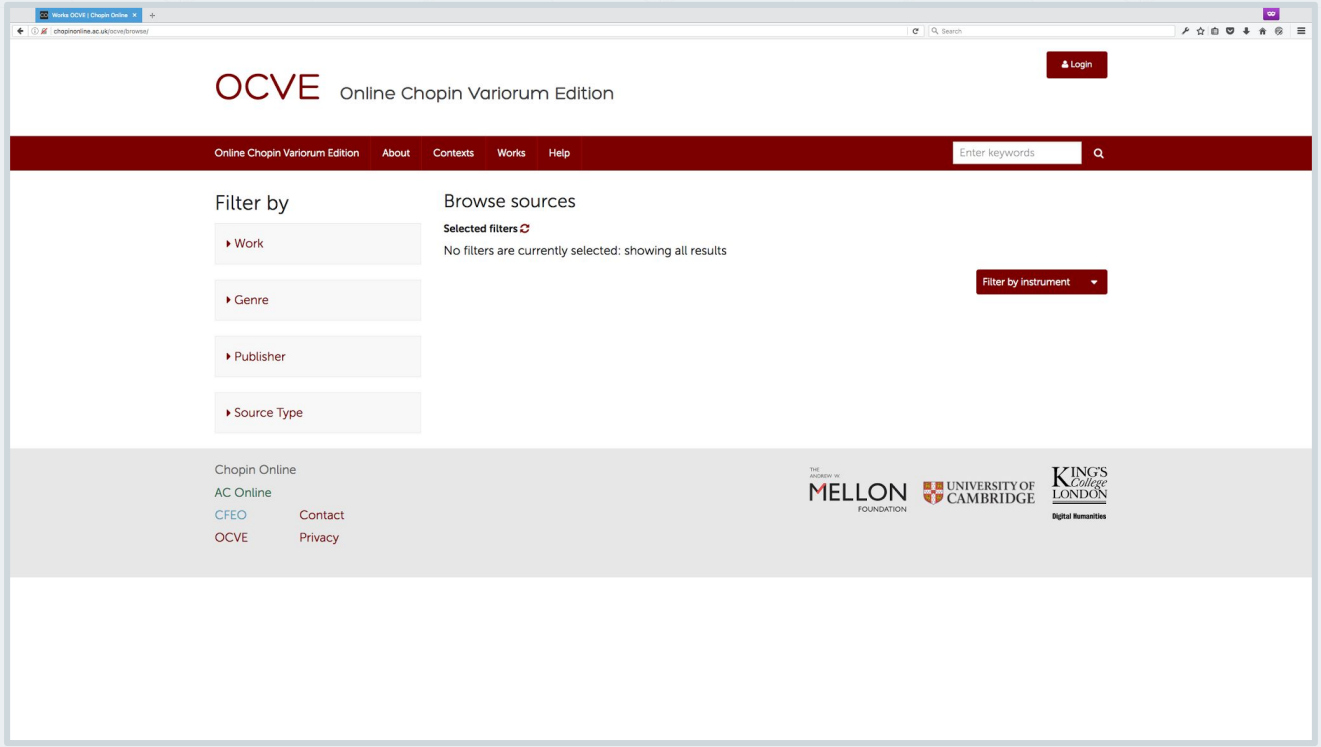
Search a body of work

After

1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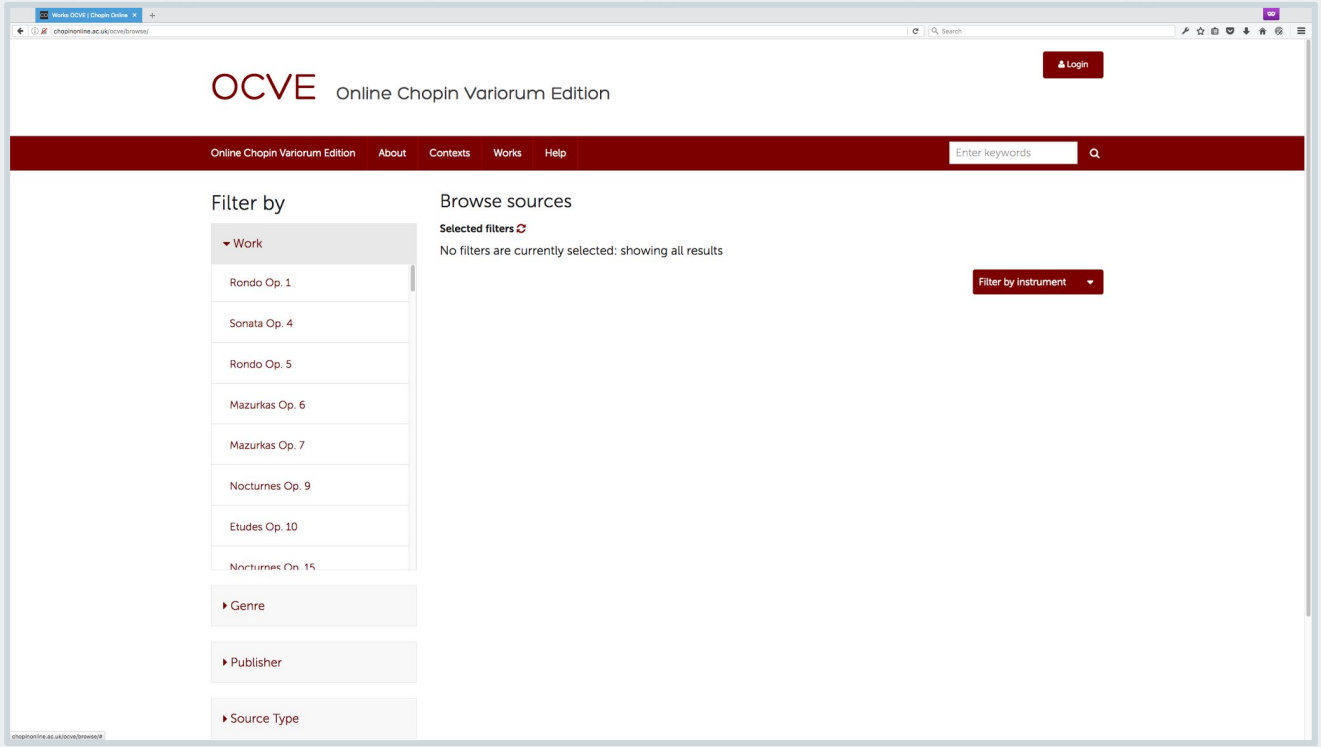
Browse sources
Selected filters
No filters are currently selected: showing all results
Filter by instrument
Chopin Online
AC Online
CFEO
OCVE
Contact
Privacy
MELLON FOUNDATION
UNIVERSITY OF CAMBRIDGE
KING'S College LONDON
Digital Humanities

2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Filter by
Work
Rondo Op. 1
Sonata Op. 4
Rondo Op. 5
Mazurkas Op. 6
Mazurkas Op. 7
Nocturnes Op. 9
Etudes Op. 10
Genre
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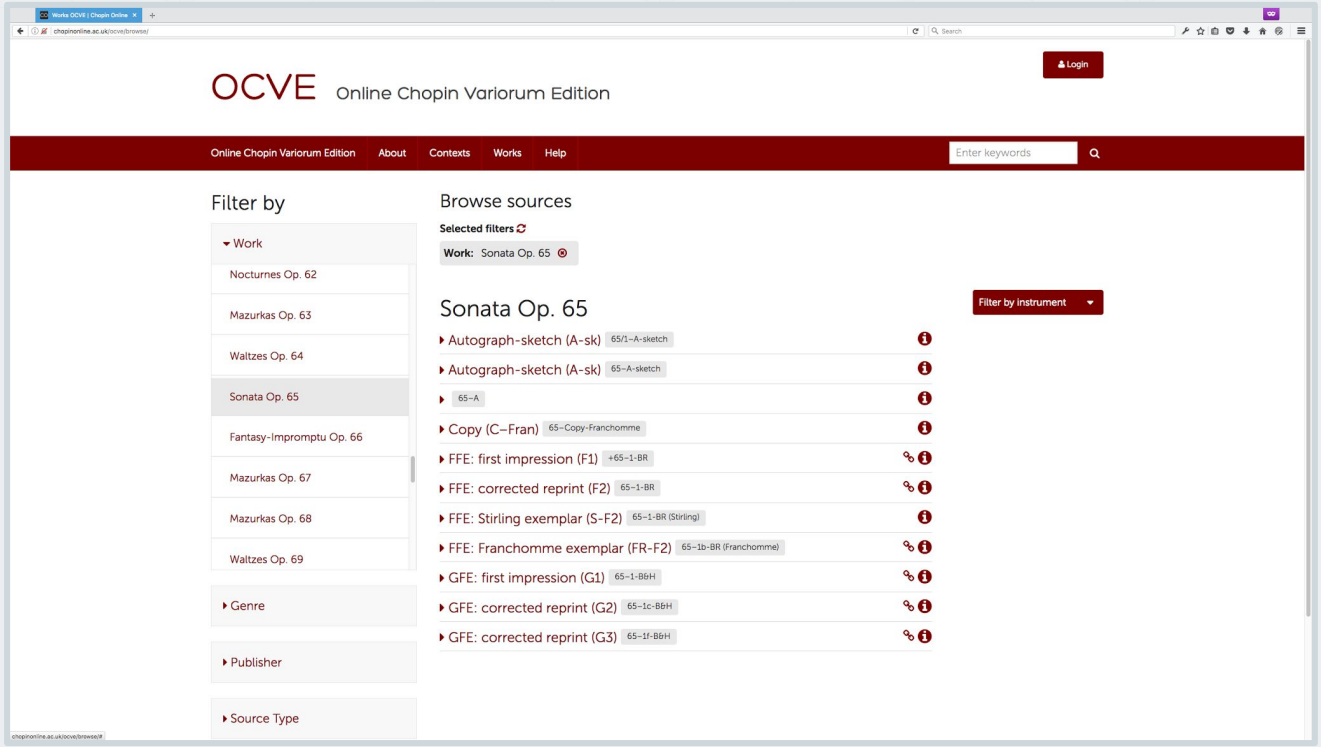
Source Type
Browse sources
Selected filters
No filters are currently selected: showing all results
Filter by instrument

3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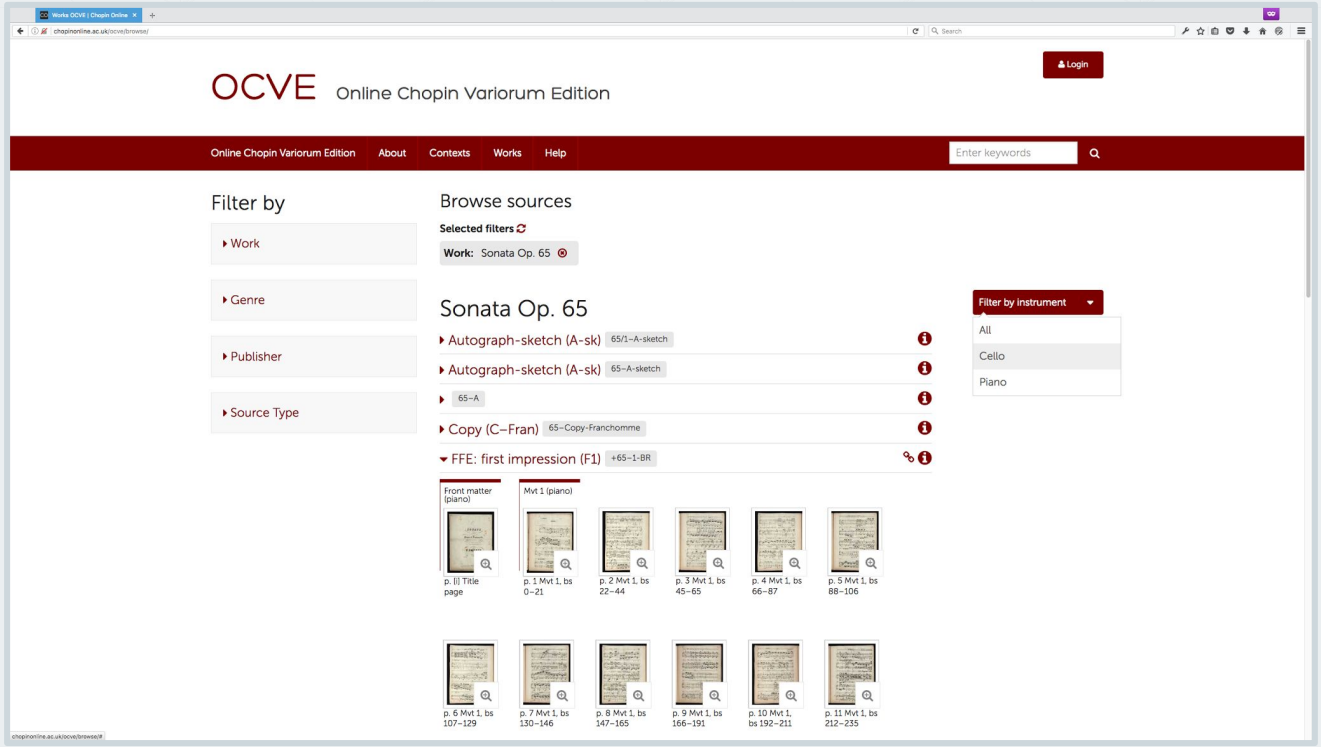
Filter by
Work
Nocturnes Op. 62
Mazurkas Op. 63
Waltzes Op. 64
Sonata Op. 65
Fantasy-Impromptu Op. 66
Mazurkas Op. 67
Mazurkas Op. 68
Waltzes Op. 69
Genre
Publisher
Source Type
Browse sources
Selected filters
Work: Sonata Op. 65
Sonata Op. 65
Filter by instrument
Autograph-sketch (A-sk) 65/1–A-sketch
Autograph-sketch (A-sk) 65–A-sketch
65–A
Copy (C–Fran) 65–Copy-Franchomme
FFE: first impression (F1) +65–1-BR
FFE: corrected reprint (F2) 65–1-BR
FFE: Stirling exemplar (S-F2) 65–1-BR (Stirling)
FFE: Franchomme exemplar (FR-F2) 65–1b-BR (Franchomme)
GFE: first impression (G1) 65–1-BbH
GFE: corrected reprint (G2) 65–1c-BbH
GFE: corrected reprint (G3) 65–1f-BbH

4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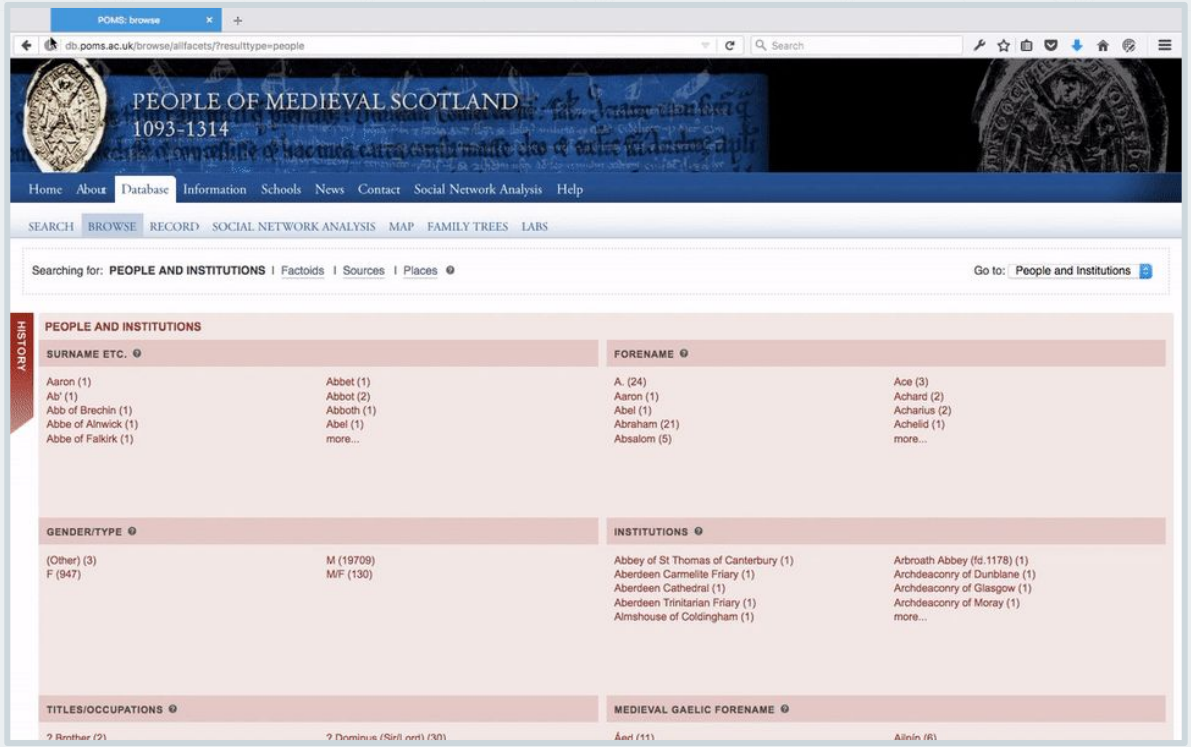
Genre
Publisher
Source Type
Browse sources
Selected filters
Work: Sonata Op. 65
Sonata Op. 65
Filter by instrument
All
Cello
Piano
Autograph-sketch (A-sk) 65/1-A-sketch
Autograph-sketch (A-sk) 65-A-sketch
65-A
Copy (C-Fran) 65-Copy-Franchomme
FFE: first impression (F1) +65-1-BR
Front matter (piano)
Mvt 1 (piano)
p. [i] Title page
p. 1 Mvt 1, bs 0–21
p. 2 Mvt 1, bs 22–44
p. 3 Mvt 1, bs 45–65
p. 4 Mvt 1, bs 66–87
p. 5 Mvt 1, bs 88–106
p. 6 Mvt 1, bs 107–129
p. 7 Mvt 1, bs 130–146
p. 8 Mvt 1, bs 147–165
p. 9 Mvt 1, bs 166–191
p. 10 Mvt 1, bs 192–211
p. 11 Mvt 1, bs 212–235

Looking for a needle in a haystack


POMS: browse
db.poms.ac.uk/browse/allfacets/?resulttype=people
PEOPLE OF MEDIEVAL SCOTLAND
1093-1314
Home About Database Information Schools News Contact Social Network Analysis Help
SEARCH BROWSE RECORD SOCIAL NETWORK ANALYSIS MAP FAMILY TREES LABS
Searching for: PEOPLE AND INSTITUTIONS | Factoids | Sources | Places
Go to: People and Institutions
HISTORY
PEOPLE AND INSTITUTIONS
SURNAME ETC.
Aaron (1)
Ab' (1)
Abb of Brechin (1)
Abbe of Alnwick (1)
Abbe of Falkirk (1)
Abbet (1)
Abbot (2)
Abboth (1)
Abel (1)
more...
FORENAME
A. (24)
Aaron (1)
Abel (1)
Abraham (21)
Absalom (5)
Ace (3)
Achard (2)
Acharius (2)
Achelid (1)
more...
GENDER/TYPE
(Other) (3)
F (947)
M (19709)
M/F (130)
INSTITUTIONS
Abbey of St Thomas of Canterbury (1)
Aberdeen Carmelite Friary (1)
Aberdeen Cathedral (1)
Aberdeen Trinitarian Friary (1)
Almshouse of Coldingham (1)
Arbroath Abbey (fd.1178) (1)
Archdeaconry of Dunblane (1)
Archdeaconry of Glasgow (1)
Archdeaconry of Moray (1)
more...
TITLES/OCCUPATIONS
MEDIEVAL GAELIC FORENAME

Challenges

Raise your hand if a project had **no** setbacks from start to finish.

Challenges

- Find a common language
- Embrace the Agile philosophy from the start
- Keep the communication channel open all the time
- Include design early in the process

*"If you build it they will come" **

And if they like it they will use it.

** "Field of Dreams", USA 1989, directed by Phil Alden Robinson*

Thank you !

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