

User experience (UX) for interfaces

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UNIVERSITY
OF OSLO



Plan for this
hour is:

Theories about UX for
interfaces
&
3 group tasks

Outcome:....

How and where is knowledge created with interfaces

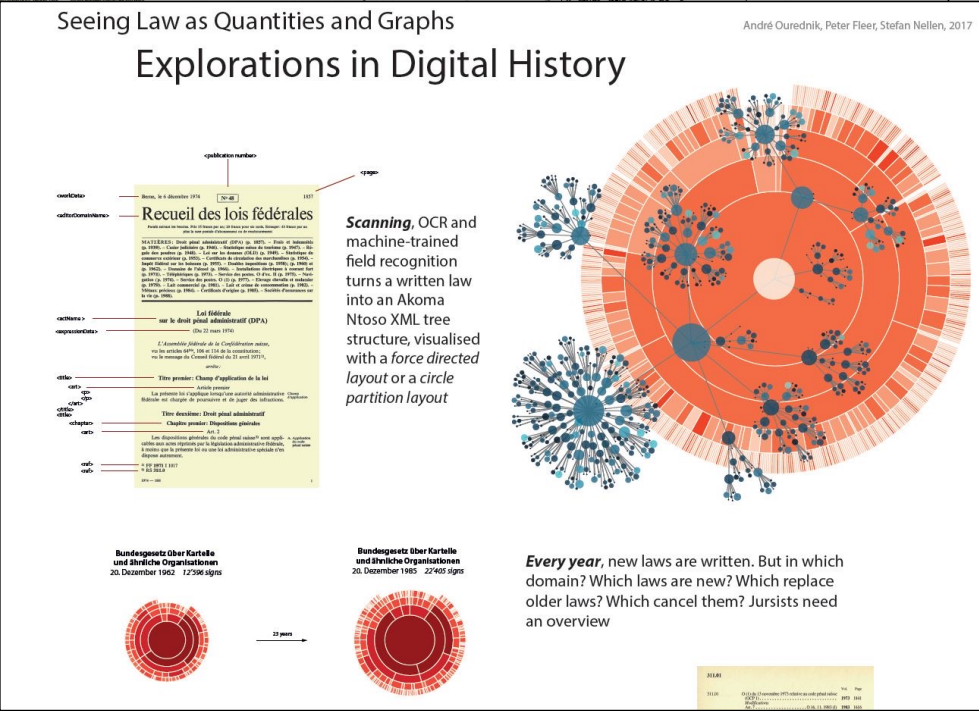
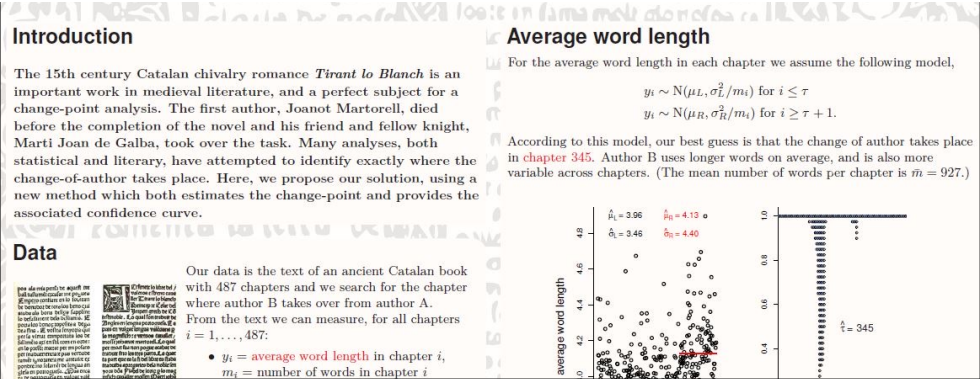
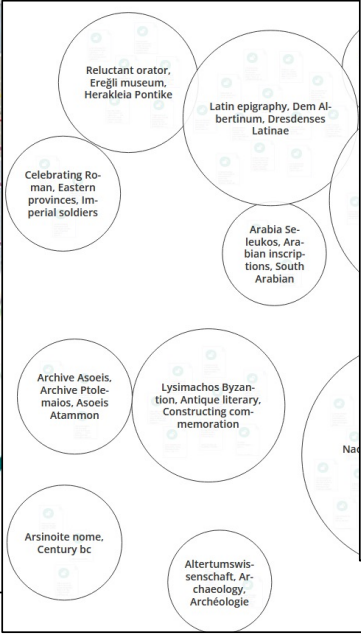
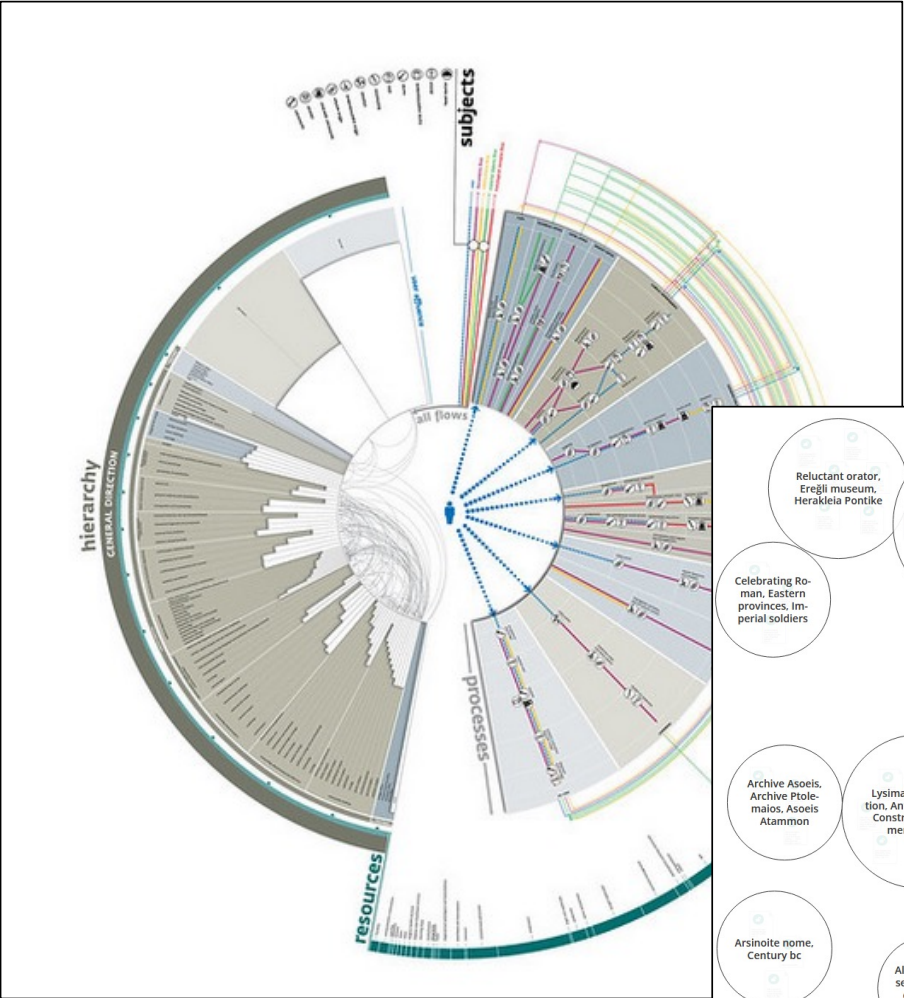
A promising approach for designers emerges when visualizing datasets:

Interfaces become performative environments where scholars can play with the data and build their own interpretations, mingling “reading” and “making”, “thinking” and “building” (Ramsay, 2011)

The interface becomes a design tool (Ciuccarelli, 2014).

S. Ramsay. “On Building”. <<http://stephenramsay.us/>> (2011, January 11) Retrieved September 8, 2013, from <http://stephenramsay.us/text/2011/01/11/on-building/>
Ciuccarelli, P. Mind the graph: From visualization to collaborative network constructions. Leonardo 47, 268–269 (2014).

Some examples



Motivation for using UX: From a research project to drift

Make your database interface more user friendly

Avoid only moving text from physical to digital format (incremental changes)

Databases developed during a research project *should* become public and easy to access for researchers (Open Science & sustainability)

Support an interdisciplinary use of your database (sustainability)

Why UX?

Often we are met with barriers in digital systems. Reflect on how often you “jump” out of websites or service that does not work well!

We need UX because technology has traditionally been in the driver's seat, and the graphical user interface has been added afterward!

User experience (UX)

The **user** experience (UX) addresses a person's

Behavior

Attitudes

Emotions

when using a specific service, system, or product.

A user **experience** (UX) may have the connotation of being

complex,

unique,

and **contextual**

(Hassenzahl and Tractinsky, 2006).

User experience (UX)

So, what makes your interface **unique**, and **contextual**?

The User Experience of your data



The User Experience of your data



The User Experience of your data



The User Experience of your data



The User Experience of your data



So how to understand the user's **Behavior** and **Attitudes**, so your interface works well



Task 1: Sabotage

What should my
database interface **do**
so I am sure users
will never come back?
10 minutes
work together!

First phase: understand the user

What if another researcher wishes to use your database?

What kind of considerations have you been taken?

What are you taking for granted?

MySql Graphical User Interface for Encode

City <input type="checkbox"/> Pylos <input type="checkbox"/> Knossos <input type="checkbox"/> Mycenae <input type="checkbox"/> Tiryns <input type="checkbox"/> Midea	Location <input type="checkbox"/> NMA <input type="checkbox"/> [Unknown location] <input type="checkbox"/> HM <input type="checkbox"/> Mycenae M. <input type="checkbox"/> Nauplio M. <input type="checkbox"/> Tiryns Ap.	Dating <input type="checkbox"/> LH IIIB2/LH IIIC <input type="checkbox"/> [Unknown date] <input type="checkbox"/> LM IIIA2 or LM IIIB <input type="checkbox"/> LH IIIA2 <input type="checkbox"/> LH IIIB1 <input type="checkbox"/> LH IIIB <input type="checkbox"/> LH IIIB or LH IIIC <input type="checkbox"/> LH IIIB2
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Search Tablets ▼ Type search term... Search

Prev 1 of 23 Next

Eb 297

1. di-wi-jo-jo 'me-no' qe-ra-si-ja OLE S 1
2. pa-si-te-o-i OLE S 1
3. vac.

Metadata
City: Pylos
Year: -
Find Area: Room 8
Location: NMA
Dating: LH IIIB2/LH IIIC

Personas

One way to understand your users is to create a persona:

Is a composite character, but includes attitude and goals

The goal is to be empathic with your users



Task 2: develop a persona

For “Key Attributes”, think:

What catches your attention?

What makes you curious?

Work for yourself x 10 minutes!

PERSONA CARD

DT **academy**

NAME	AGE
SKETCH	DESCRIPTION
	Occupation: _____ Nationality: _____ Research field: _____ Other: _____
	QUOTE
KEY ATTRIBUTE	
<ul style="list-style-type: none">• _____• _____• _____• _____• _____• _____• _____• _____• _____• _____	

Wireframes

Paper or digital based approach to design the UX of using an interface.

Helps to look and refine the structure and flow!

Also used to create Information Architecture (e.g. structure of the site), content, layout, and so on.



Image: FOCA stock

Task 3 : wireframing

Based on the *Personas* and the *Sabotage* task, try to make a wireframe of your interface.

Possible components:

Site features, navigation, information, closed area, visualization of data, small videos

It is ok to borrow ideas from other sites.



Wrap-up

Comments?

Mille grazie!

Questions?