What do musicologists do all day?

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What do musicologists do all day?
Motivation

- Mismatch
- Technophobia
- Alleged transformative potential of technology
- Sounder approach to system development
Anticipated outcomes

• Stories relating to adoption of software tools in research practices
• Insights into work processes and technology needs
### Demographics

<table>
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<tr>
<th>Country</th>
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<tbody>
<tr>
<td>United States</td>
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<td>France</td>
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<td>Greece</td>
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*Countries with 1 response: Chile, China, Croatia, Cyprus, Czech Republic, India, Ivory Coast, Korea South, Lithuania, Malaysia, Mali, Malta, Nigeria, Poland, South Africa, Taiwan, Turkey, Uzbekistan, Venezuela*
Age group and digital skills of participants (n=621)
Gender and digital skills of participants (n=621)
Percentage digital skills per speciality (n=1395)
Preferred type of resource

- Digital books and journals: 200
- Physical books and journals: 190
- Digitised archives and manuscript...: 150
- Physical archives and manuscript...: 100
- Other resource: 50
- Music audio on computer, phone,...: 20
- Physical collection of music editions: 10
- Digital collection of music editions: 5
- Online music audio collection: 2
Preferred information resource by digital skills (n=571)
Preferred resource by speciality (n=1309)
What are you currently researching?
Frustrations
Frustrations

“Life was so much easier in the old days when I just typed up my paper and Xeroxed handouts and made cassettes of musical examples.” (326)

“It is clunky, idiosyncratic, and miserable to use. Inserting images (such as musical examples) is a nightmare.” (045)

“I can't stand the quirks and glitches of the mainstream software.” (152)

“Every time I come back to it, it feels like I have to learn it all over again. I wish they were more intuitive to use.” (363)

“Any interaction with Finale/Sybellius [sic] is a frustrating experience.” (298)

“...the more advanced transcription software ... presumes fluency in programming, e.g., C++.” (223)
Frustrations

‘difficult to use’ (086)
Risks
Risks

“the vast majority of resources have not been digitized” (65).

“Technology can help us to answer research questions more easily and efficiently, and (importantly) it can inspire us to devise new research questions. But it cannot replace using the grey stuff between the ears” (003)

“material questions about the physical nature, such as the writing material, are not answered on digitized materials” (393)

“[physical items may] be overlooked” (319)

“encourages a rapidity of response and decision, often at the expense of maturing thought over extended time” (15)

“musicology will be too superficial and lose authority as a serious contribution to society” (604)
Risks

“laziness”
Limitations
Limitations

“those who do benefit because they have a university job, and those who have much less benefit, because they are independent” (337)

“Digital materials can be posted by anyone” (492)

“...the sheer amount of 'hits' one gets for a topic can be daunting....” (233)

“'Browsing' in the digital realm is a far less productive activity than browsing in library stacks” (68)

“do not always capture the creative process, or iterations, of materials” (420)

“digitized archival material cannot substitute the original,,” (383)

“missing the surrounding context” (37)

“when they have a problem that can really only be solved the old-fashioned libraries-and-grunt-work way, they're stuck... Carl Ludwig's 'Repertorium Organorum' may be hellish to use, but it's still indispensable” (058).
Rewards
Rewards

It is helpful to have access to my research almost wherever I am.” (091)

“It really makes me feel I could be in a library in Italy, but accessing the material more easily.” (270)

“I spent my PhD visiting them all over about 3 years; now I can see them all in one afternoon” (022)

“I cannot think what I would be able to do without this software!” (592).

“the ability to consult manuscripts and prints located around the world is remarkably helpful.” (040)
Benefits

accessing research
Benefits

“potential to formulate projects or research questions hitherto unthinkable” (003)

“Searching for Cantus firmus lines in 15th-century masses is now trivial” (546).

“I can often have them immediately” (119)

“... many things can be really 'counted', not the gut feeling that musicologists in the past had” (039).

“people, music, documents, can be accessed around the world” (336).
I think they [the benefits] are astronomical. I can read about Handel and his Messiah creation until I am blue in the face and tell students how magnificent the work is...but I truly feel that until I show them the digitized copy from the British Library and page through it with them virtually, the facts and the marvel of it all simply don't sink into their minds...

Technology makes it possible to open up a world of knowledge at their fingertips. Suddenly they aren't in backwater Oklahoma any longer, they're sitting on a magic carpet of technology wisking themselves away to London or Cairo or St. Petersburgh to see history happen with an immediacy that is life changing if they have the sense to see it.
Further steps towards Musicology Centred Design

• What musicological properties (values, aims, habits) need to be taken into account
• Future steps
• Promising scenarios
  – digital editions
  – audio analysis
Acknowledgements