

Mobile Labs

Humanities Data Services and Assets

Laboratories and Equipment

Mobile Labs offers equipment and know-how to researchers in the humanities in a variety of forms. The Video Laboratories in Kolding and Odense and the library of recording equipment are the cornerstones of practical support for gathering, editing, viewing, and analyzing data. Our continuous effort in assessing new technologies and methodologies allow us to offer up-to-date service for the full data lifetime cycle. The walk-in helpdesk in Kolding handles ad-hoc support requests ranging from adapter problems to research laboratory design and course development. Often we collaborate on these with partners like VILA. Acquired skills and developed solutions are usually rendered as online manuals and, if demanded, offered as courses on sites all over Denmark.

Mobile Labs Equipment in the field. Here: 18 Cameras with HDMI recorders supporting continuous recording of up to 13 days



Laboratories and Equipment

Two laboratories have been established for aiding researchers in humanities. The *Video laboratory* in Kolding serves to facilitate courses on and work with video editing and transcription, data sessions, and research meetings. It is equipped with eight iMacs and a macPro workstation with 48 TB disk space. The 'mobile' in Mobile Labs is implemented with a stock of lendable equipment consisting of 20 cameras and 10 Dictaphones and advanced accessories for low profile and long term recordings. The *Jefferson Laboratory* in Odense is dedicated to screening data of sensitive nature and is equipped with three Apple and one Windows computer.



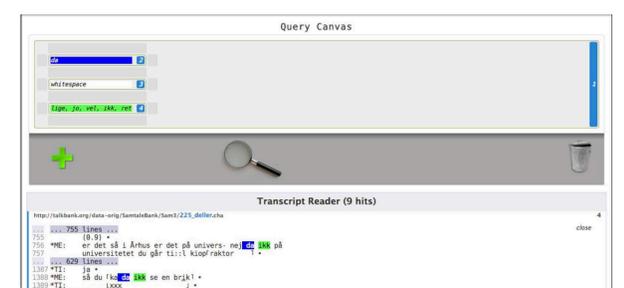
Field Recording Review Session on the first of a three day course on data acquisition, editing, and transcription at KU

Avantgarde Tool Development

Mobile Labs has always been engaged in researching and developing new methodologies and tools for humanities research. Such assets were often based on web applications closely tied to physical objects. In this regard a series of products have been made available for interaction researchers. One of them is the video data session table currently being implemented by students and researchers at SDU in Kolding. Other projects are the cloud application relay, which connects mobile sensors and applications through subscriptions.

Future Prospect

Digital humanities Lab - Mobile Labs will be embedded into a small, agile work force called DATAKUBEN in 2018. Besides online manual creation the focus will shift to High Performance Computing services for the humanities. Here a visually programmable pattern-action platform for qualitative and quantitative research venues on micro, meso, and macro scale data is planned.



A first mockup of the interface for the explorative document operator (EDO).

Online Manuals

Mobile Labs curated and developed series of best practices and manuals for most common work tasks with video data in humanities research. Some of them were co-produced with VILA. You find these materials online at <https://mobilelabtutorials.wordpress.com/mobile-labs/> these will continue to be produced covering new technologies, tools, methodologies and research fields.

Helpdesk

Mobile Labs always has an open door for spontaneous support request. Our helpdesk is manned for walk-in service three days a week at SDU Campus Kolding and also responding to requests from email or phone. The competencies offered cover all technological matters related to humanities research. Most tickets are related to video editing and programming, but we also help with large scale field recordings, novel data collection methods, and research design challenges.

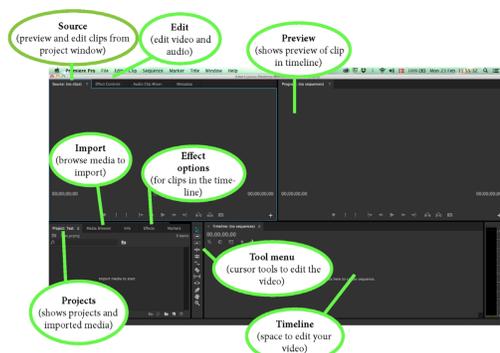


Image used in a typical handout for course participants

Courses

Demanded courses usually cover essential research data operations and developed by Julia Ruser as a mix of live demonstration, try-out sessions, and best-practice tutoring. All courses are accompanied by step-by-step manuals on YouTube and mobile labs' online repository (see Online Manuals).