

# Digital långtidsförvaring och access av forskningsdata vid Aalto-universitetet

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Solution Owner for  
Records Management  
Aalto University ITS

# *Aalto-universitet*

175 år av historia



**2010 sammanslogs:** Tekniska högskolan (Polytekniska institutet) 1849  
Konstindustriella högskolan (Slöjdskolan) 1871  
Handelshögskolan (Kauppakorkeakoulu) 1911

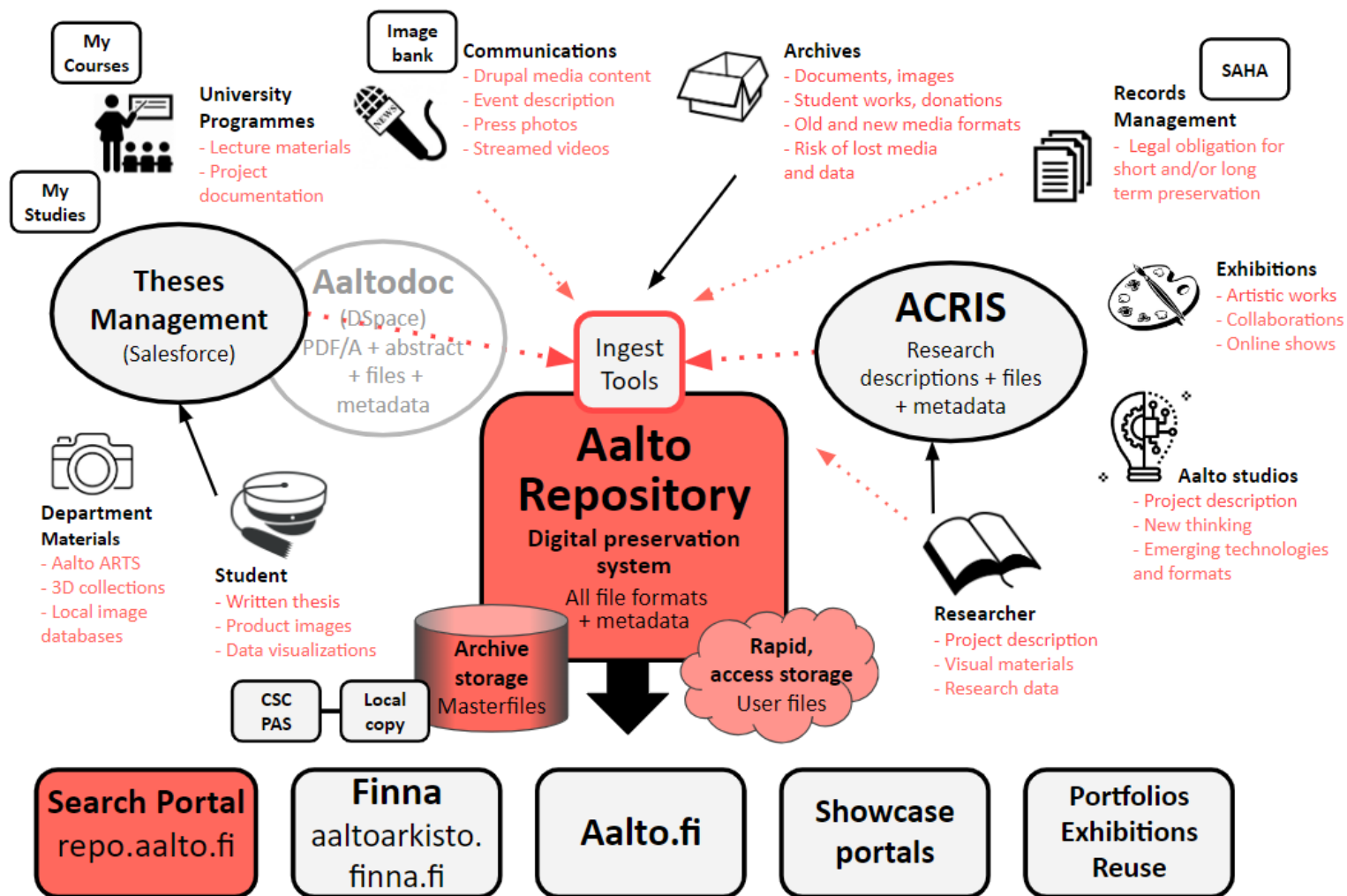
4.10.2024

# Aalto Repository

**A preservation, showcasing and asset management system for all digital content in need of long-term archiving**

- Ensure authenticity and usability of digital objects across time and technical environments
- Preserving and showcasing creative and practice-based learning and research data
- Active preserving all media formats, from audiovisual media to administrative data

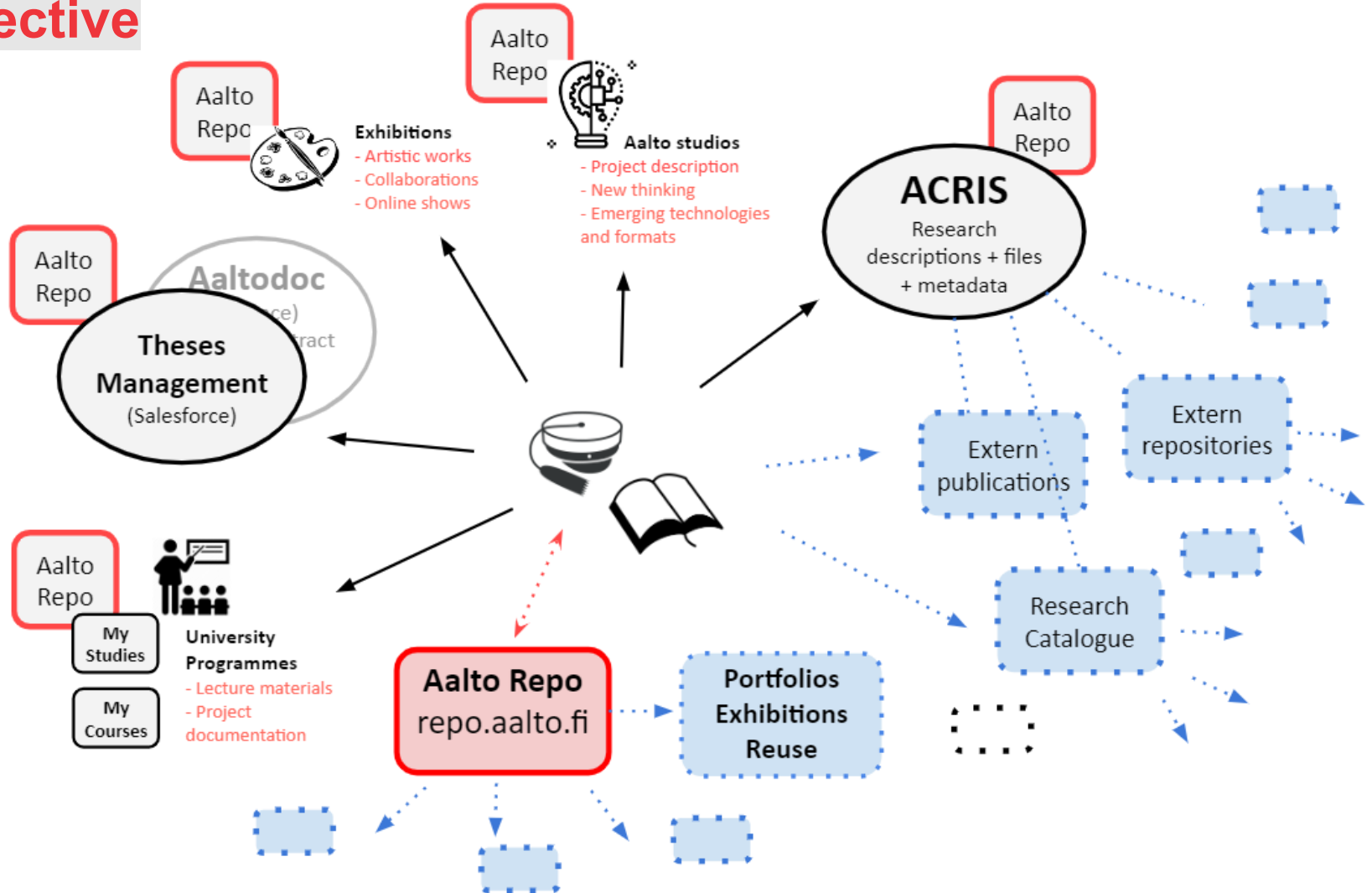
# Aalto Repo 2025 - 2030



A?



# Researcher in arts, perspective

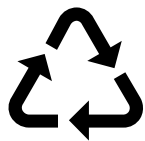


# Example of research data



Research data can be produced as part of:

1. university basic funding
2. external funding
3. grant-funding



1. Primary data
2. Secondary data



1. Analog (e.g. paper)
2. Tangible (e.g. compounds)
3. Digital (e.g. videos)
  - Raw data
  - Processed data
  - Published data
  - Archived data



1. Research data
2. Project data
3. Dissertation data
4. Administrative data

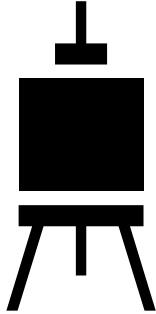


IPR data:

1. Patents
2. Licenses
3. Contracts
4. Demands

**A!**

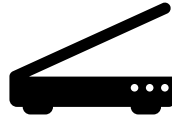
# Artistic outputs and research



Non-textual digital processes  
generates digital data  
comparable to research data



1. Process documentation
2. Work drafts
3. Photographs & videos
4. Interviews & audience interactions



Digital presentation of the  
final work

*(Diverse forms of art  
representation can often be  
difficult to capture digitally.)*



**Artistic and non-textual form  
(ACRIS category)**

1. Digital visual products,  
exhibitions, films,  
performances, designs
2. Formats e.g. video, audio,  
images, websites, VR/AR

Attunement and inclining: How to listen to frail  
bodies

Katarina Blomqvist  
Department of Film

Research output: Artistic and non-textual form

Overview Fingerprint

Abstract

Presentations and sharing with Thiago Granato, Miriam Jakob, Brandon LaBelle and Nicole Michalla and invited guests. Facilitated by researchers, artists and performers involved in sound studies, choreography, performative practices, voice and breath-work, we'll think, speculate and share together, delving into concepts of listening and the body. We'll also test ways of being in our bodies through exercises and experimentation involving breath and voice, dialogical encounter and shared attention, touch and tactility, to elaborate forms of sensing and working with bodily presence. Through such shared activity, we'll search for ways to grow modes and forms of radical somathv.

Other files and links

https://listeningbiennial.net/academy-editions/berlin

Instead of **only** linking to external sites that are **likely to expire** we can provide a link with DOI to content preserved in Aalto Repository

**A!**

# Long-term preservation & archiving at Aalto

Records Management Services is preparing a **long-term preservation policy** for Aalto University

- aims to describe how Aalto intends to acquire, manage, preserve and make accessible analogue and digital records selected for long-term preservation and archiving.
- promotes transparency and auditability of the preservation activities and of the coherent documented workflows.

Aspects to take into consideration include:

- Significance for future teaching and research
- Metadata quality and content quality
- Material size in relation to content and server costs or physical space
- Usefulness - materials that can be shared openly should be prioritized

Detailed guidelines or processes for appraisal of certain record groups or data to be decided on department or university level.

**A!**

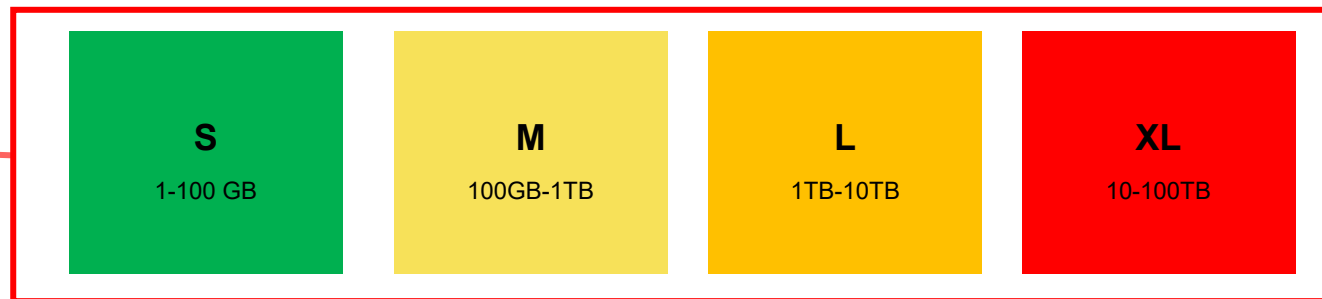


# Example of *Digital data* by characteristics and sources



1. Research data
2. Project data
3. Dissertation data
4. Administrative data

The size is influenced by the **used equipment** and **upcoming trends**.



- Audio files
- Documenting
- Notes
- Transcripts
- Registry data
- Microscopy data
- Calculation outputs
- Measured data
- Models & schematics
- Microscopy data
- Experimental data
- Computational data
- Image files
- Spectroscopy files
- Data for ML
- Parameters
- Process data
- Experimental measurement data
- Instrument recordings, videos
- High-speed-cameras
- Simulation data
- Point clouds (e.g. lidar)
- HD data
- Radar data

**A!**

# Storage, access and reuse

Seamless workflows between storage and access

