

EMILiA's Secret Ingredient:

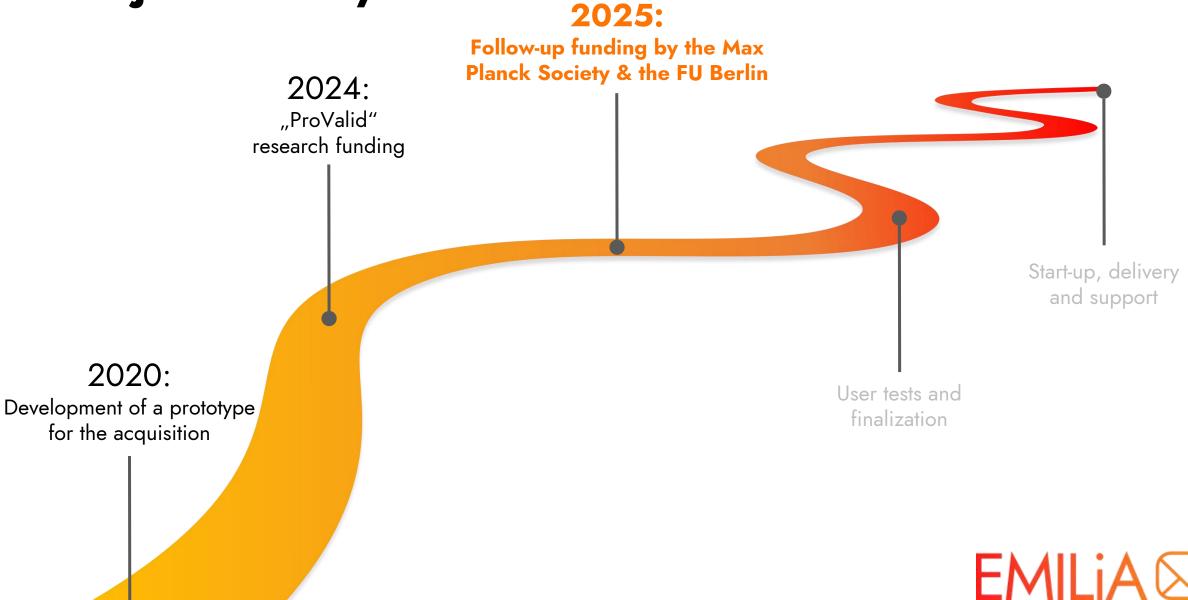
Making Email Archives Accessible through Intelligent Entity Recognition and Automated Anonymization

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Project history



Context

E-mails are an *integral part* of most people's everyday professional and private lives.

temporarily relevant.

A large part of most

mailboxes consists of

spam, **advertising**, or

information that is only

However, there are also
emails of historical or
legal relevance that should
be preserved for the long
term

Proper **appraisal**, **preservation**, and **analysis** are only possible with the help of automated processes

Emails are a central communication medium

A lot of information without long term value

An appraisal process is required

Automation as an opportunity



Challenges



The email standard is vague in its specifications



Common email containers are not well suited for archiving purposes



Attachments in a wide variety of formats



Signed and encrypted emails

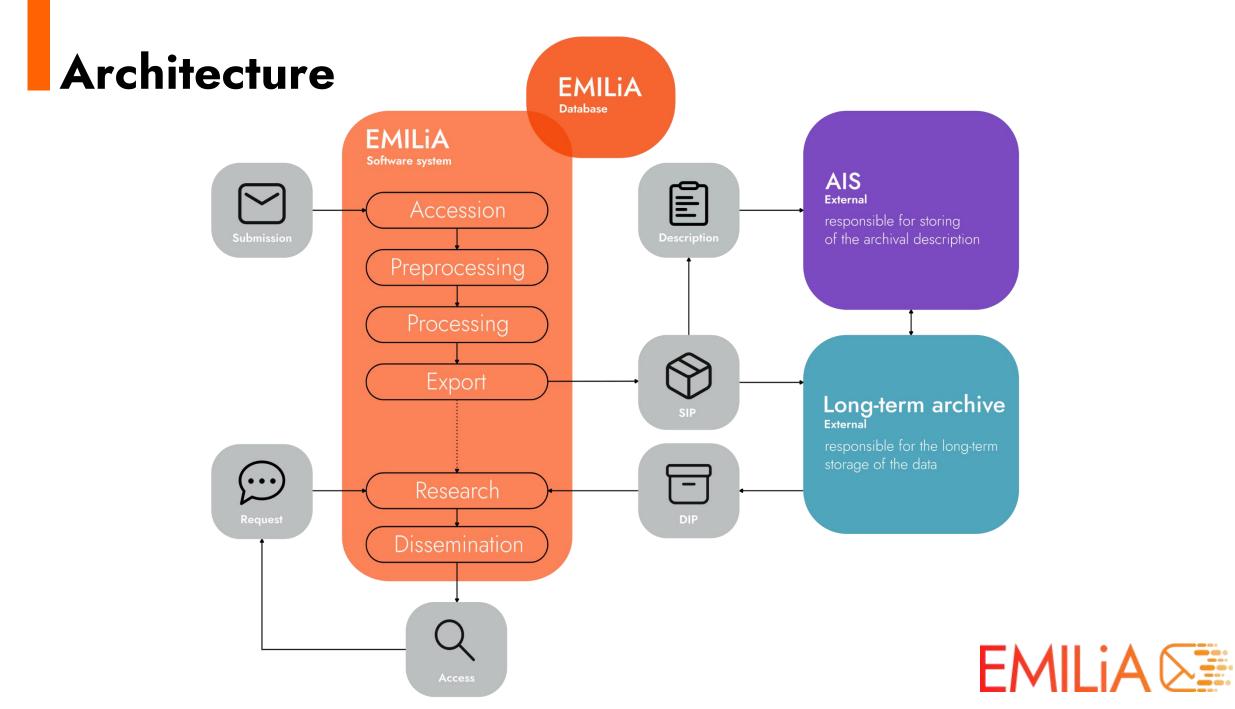


Personal data and copyrightrelevant documents



Its hard to appraise which content has archival value





Feature overview

Transfer: Secure transfer, conversion, virus check, format recognition, integrity check

Appraisal & Description: Language recognition, spam-, duplicate and mailing list detection, topic extraction, identification of personal data, appraisal tool, bookmarks, sentiment analysis, contextualization

Research: Viewer, optional anonymization, full text search, filter functions, statistics and networks, summary of threads with LLM

Export: Structured BagIt container with emails, attachments and additional metadata or MBOX



Tasting





Thank you for your attention!

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