

# BEST PAPER AWARD

PREISTRÄGER

»IMPACT ON SOCIETY«

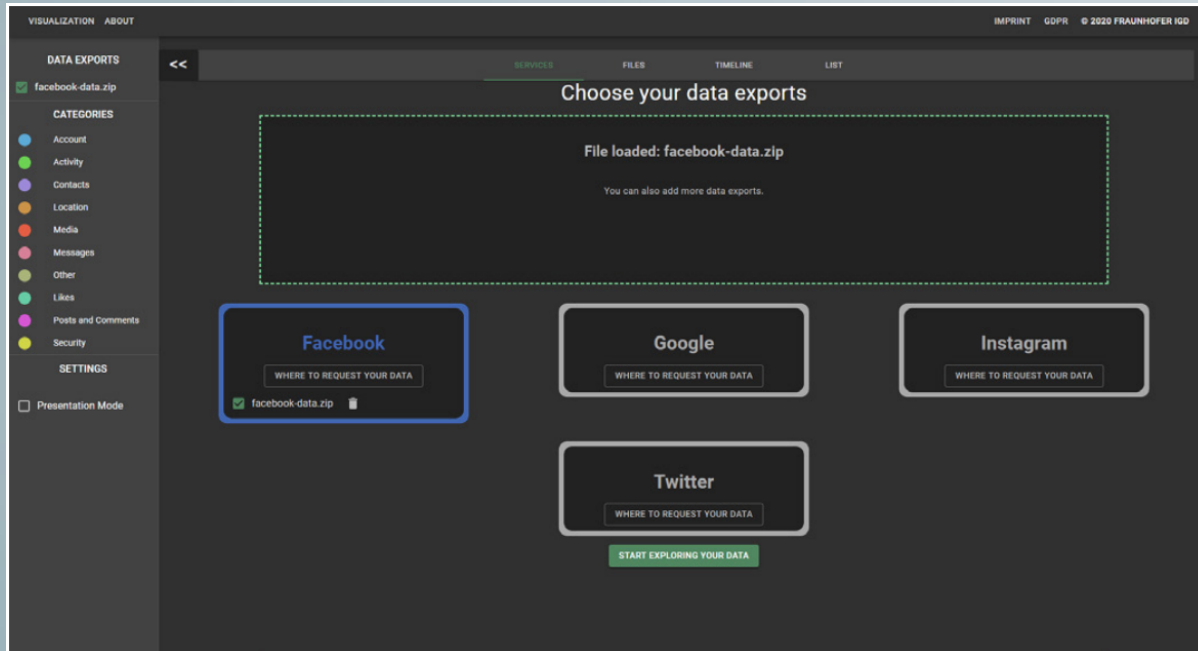


COMPUTER GRAPHICS NIGHT

DONNERSTAG, 2. DEZEMBER 2021

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Schufrin, Marija (Fraunhofer IGD)  
Reynolds, Steven Lamarr (Fraunhofer IGD)  
Kuijper, Arjan (Fraunhofer IGD)  
Kohlhammer, Jörn (Fraunhofer IGD)



»A Visualization Interface to Improve the Transparency  
of Collected Personal Data on the Internet«

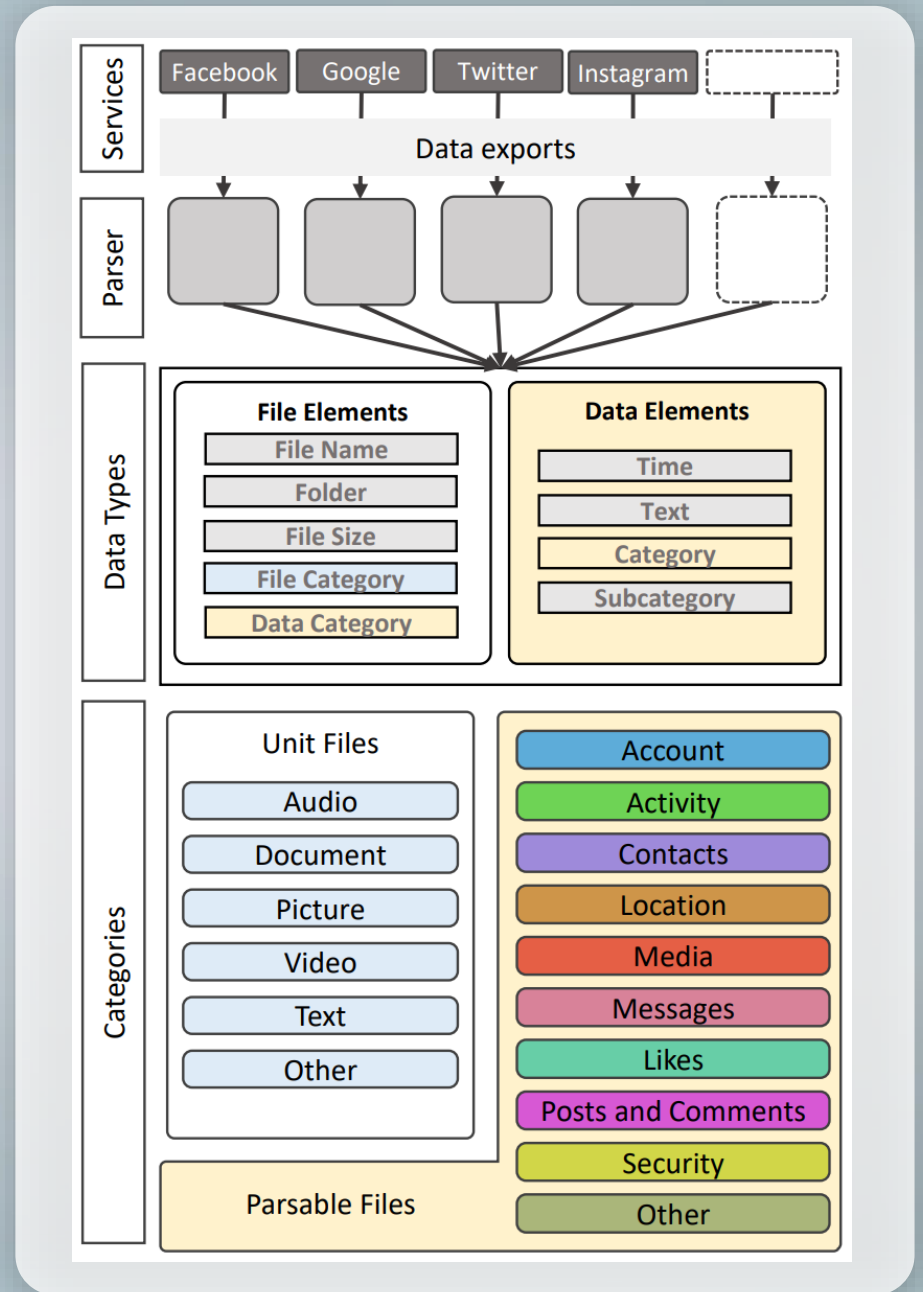
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## PROBLEM

- Online activities are massive threats to privacy by global mass surveillance, vast databases and fast distribution networks
- The right of users to request a copy of all their personal data stored by a particular services is counteracted by the incomprehensibility of the data provided
- Differences of formats between and within the data exports make it difficult for casual Internet users to get an overview of the content



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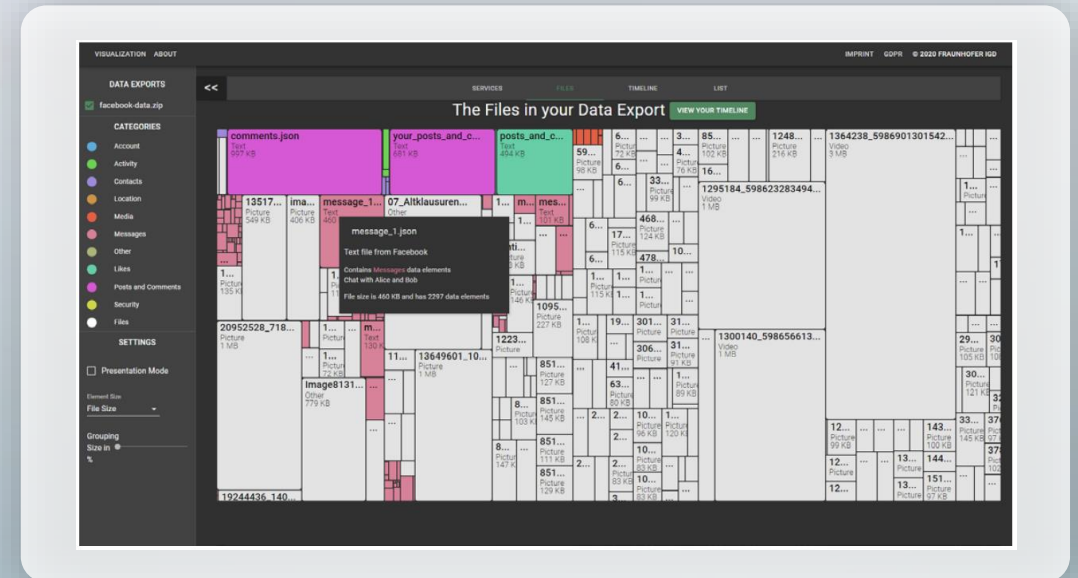
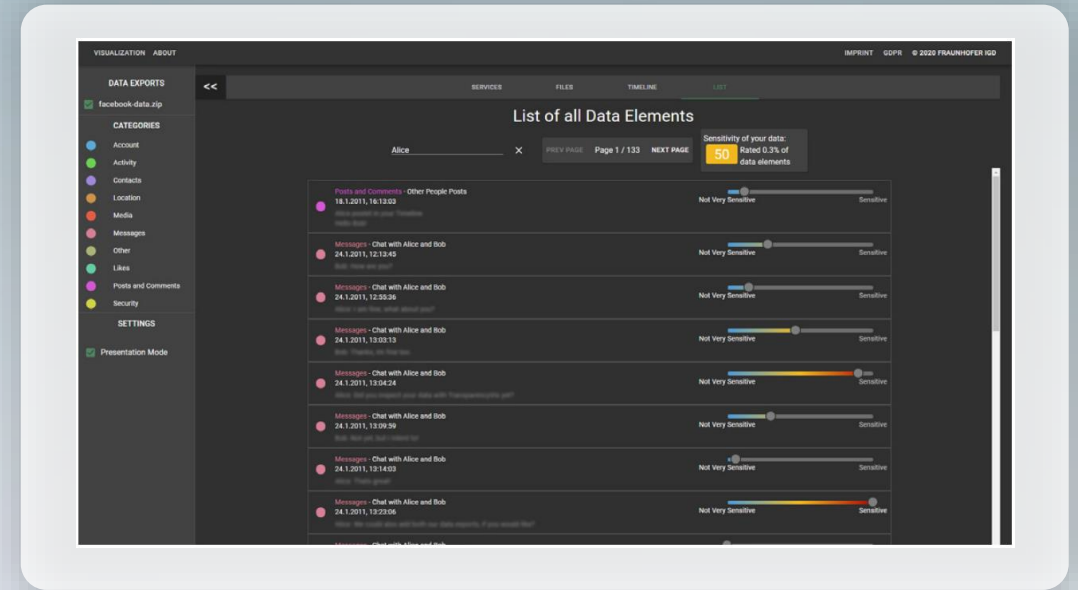
## RESULT

- Web-based prototype for a visual exploration of the data exports enabled by the General Data Protection Regulation
- Represents the data collections of one's personal data stored by different online services
- Unification scheme to generalize the data exports from different services
- Merging and comparison of the different data sets in one visualization



## USP

- Allows non-expert users to easily view their own personal data stored with various online services
- Increases the attention and awareness of the common internet user for their own personal data stored by different online services
- Provides the basis for future use of additional analytics to control the use of private data by online services





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