

Work Package 6.3



Visualization of enriched data



Primary Objective

One problem of the analysis of big data is to find value in the mass amount of data. Visualisation is the main tool to overcome this problem. This task aims to develop visualisation tools to visualise the result of the big data analysis. This includes the visualisation of relations between different mobile devices and visualising the big data analysis.

Main Tasks

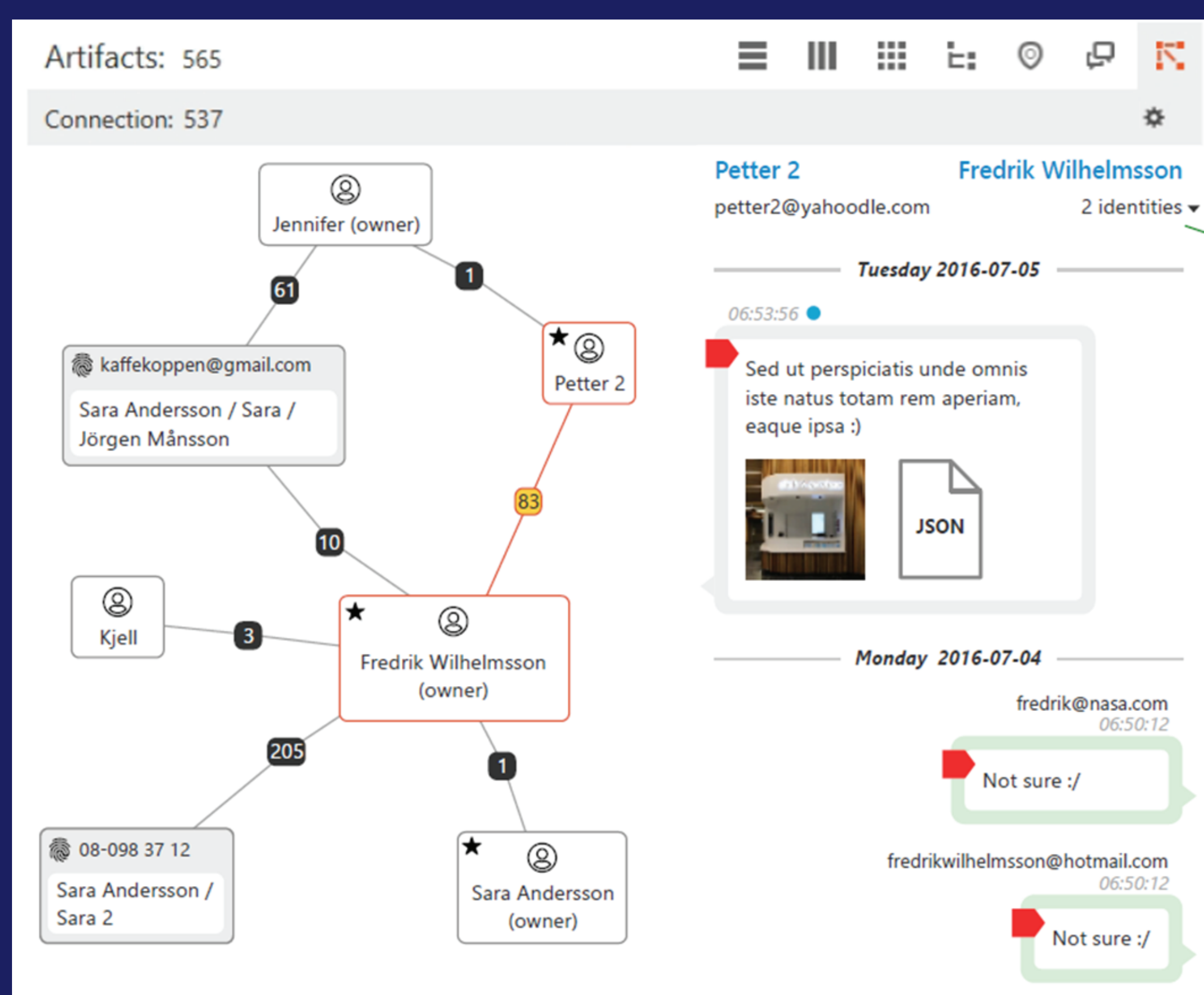


- Development of a new landing page which provides a quick overview of the case contents and includes the possibility to highlight anomalies and data of interest
- Automatic grouping of messages into conversation threads and an intuitive visualization, similar to the display on an ordinary smartphone today
- Automatic grouping of user identities that belongs together into a common 'Person' entity
- Filtering on key persons and presentation of all communication regardless of the app used, in a common timeline
- Link analysis: Visualization of communication in a network chart, quickly understand who the device owner(s) has been communicating with



Key Output

The FORMOBILE Visualizer, fully integrated into the analytical tool XAMN developed by MSAB.



FACTS & FIGURES

DID YOU KNOW?



Close to instant visualization of results

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Verified to handle a case with more than 4 million messages