



## AUFGABENSTELLUNG FÜR DIE MASTERARBEIT

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Thema:	Generic Frontend for Exploring Sensor and Information Services		

### ZIELSTELLUNG

Research on smart cities, connected vehicles, complex logistics across organisations and similar trends suggests a need for channeled forwarding of information from heterogeneous sources to creative third-party services and applications. Currently, most of the research is concerned with the protocol and middleware levels, whereas the potential of a generic interactive access to sensor and information services needs to be explored. This involves their selection, mash-ups, and usage within a client-controlled interface.

In this master thesis, a first web-based prototype (portal) for such services is to be created. Along with it, a light-weight scenario service registry will be needed. Users should be able to explore not just services, but also the information provided by them, and eventually be led to advanced usage patterns such as the development of third-party applications to access the information data and real-time streams.

### SCHWERPUNKTE

- Concept for a generic information and sensor service portal
- Development of the portal and associated dependency tools
- Demonstration using a convincing scenario

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