Towards a DDI Backend Architecture
Sharing DDI-related Software Modules

Matthäus Zloch, Thomas Bosch, Dennis Wegener
{matthaeus.zloch, thomas.bosch, dennis.wegener}@gesis.org

Data Model (DDI Discovery Vocabulary + MISSY)

Microdata Information System (MISSY)
- Study documentation on variable level
- Studies: german microcensus, EU-SILC, EU-LFS, EVS, ...

Data models
- DDI Discovery Vocabulary as a basis
- Project-specific data models

GitHub Repository: https://github.com/missy-project/disco-model-impl

Multitier Software Architecture
- Reusable modules
- Usage of diverse software development patterns (e.g. MVC, strategy, DAO)