# Software-Aided Service Bundling for Dementia Care At Home

Elderly people often have very diverse needs for care. For each specific need there are many different suppliers, and there is a jungle of official rules and regulations to satisfy. Understandably, it's not easy for informal carers at home to find the right service.
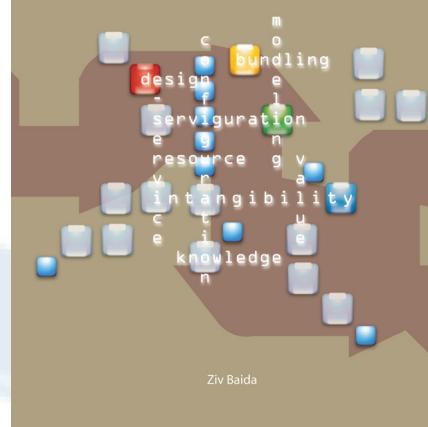
We help reduce this bewildering complexity by computerized support that structures and orders the multitude of service offerings. Our solution is technically based on a service ontology and associated knowledge-based reasoning methods. It configures a complete service bundle out of supplied individual services, such that it satisfies the full combination of stated needs.

SUPPLY   SERVICE BUNDLE   DEMAND

NEEDS

SERVICE COMPONENTS

CONFIGURATION

SERVIGURATION

SERVICE ONTOLOGY

OFFERING   NEEDS
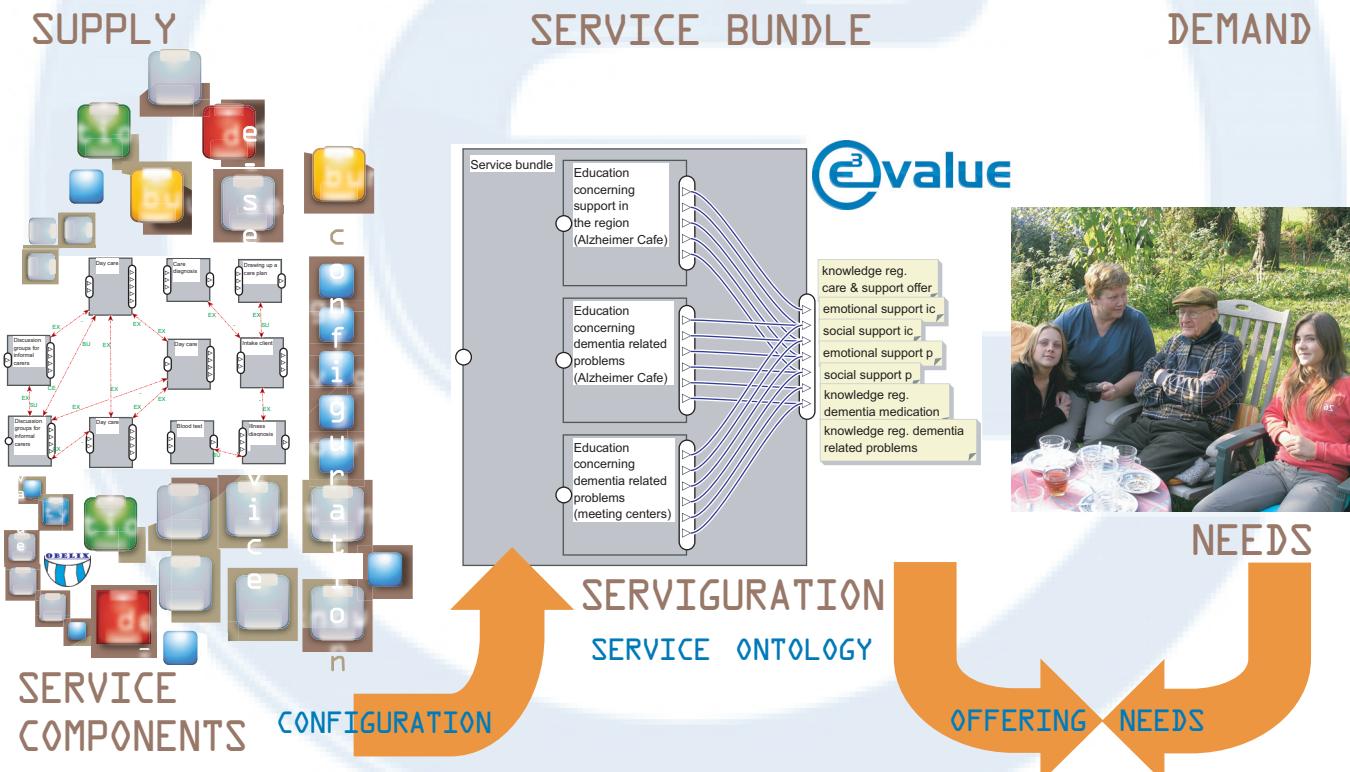
FReeband User eXperience (FRUX) is a project within the BSIK research program Freeband. It explores how we can create human, "we-centric" and context-sensitive, service bundles in health care. Specifically, it develops a Dynamic Interactive Social Chart for Dementia Care (DEM-DISC), based on our service ontology-based bundling methodology. Partners are: