



Experimental Applications in the domain of Ambient Assisted Living

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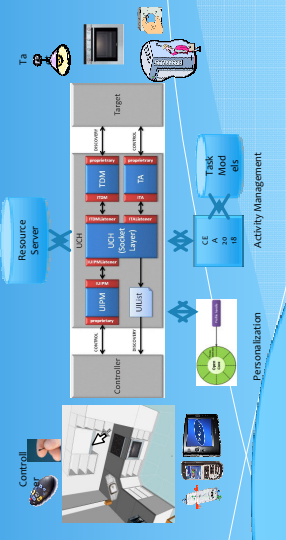
German Research Center for Artificial Intelligence (DFKI) GmbH
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DFKI Ambient Assisted Living (AAL)

Activities

- EC Projects
 - Social Aid Interactive Development (SAID)
 - Intuitive Interaction for Everyone with Home Appliances based on Industry Standards (i2home)
 - Vital Assistance for the Elderly (VITAL)
- OpenURC Alliance
- SaarAAL Cluster

The izhome Project



Deafness

Eye Cataract

- ICT is

- Weakness of Mussels

- How can we guarantee that every body can participate

- Short Steps



Complete Implementation of
D/IEC Standard 24752
Universal Remote
e)

Neuronal Pain



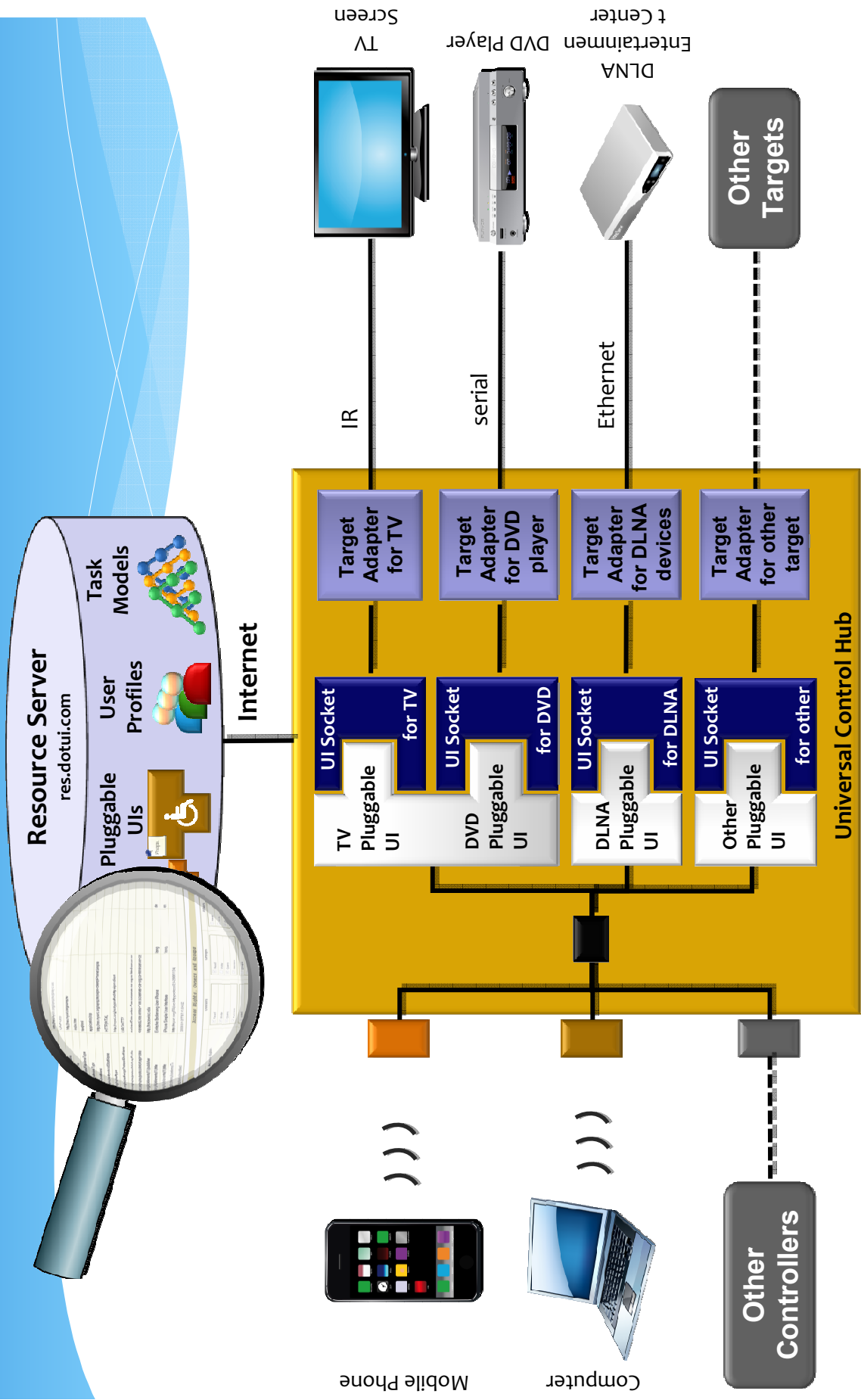
AALIANCE AAL Roadmap

Requirements

- open-reference architecture that facilitates the efficient integration of diverse assistance devices and services into personalized, trusted and manageable assistance solutions
- standardized solutions for the unobtrusive, affordable sensing of context (location, activity, vital data)
- advanced user-interfaces that can be adapted to the changing needs of users
- guidelines for privacy and security of data management
- system management and interoperability of heterogeneous components

ISO/IEC 24752

Universal Remote Console URC





DFKI's Contribution to Use Cases

- Coordinating and participating in several European eHealth/eInclusion projects
- Established cooperation with leading industry in the domain
- Established cooperation with public authorities, regions and clinical expertise for real-life tests and evaluations of AAL technologies
- Established cooperation with end user organizations and domain experts
- Advanced, intuitive, and accessible multimodal user interfaces
- Open standards-based platform for accessible smart environments
- Active partner of the OpenURC Alliance
- SaarAAL Cluster
- Bremen Ambient Assisted Living Lab (BAALL, www.baall.net)
- Participation in standardisation activities

Projects with URC

Green: ongoing

Red: submitted and pending

Smart Energy For All (QREN)

2009

URC4ALL (QREN)

2008



HELASCoL (AAL)

2006



MonAMI

i2Life (QREN)

AAL4ALL (QREN)



bedmond (AAL)



BrainAble (FP7)

USG (T-Systems);
cebit 2010



HANNOVER
2.-6.3.2010
cebit.com



HANNOVER
2.-6.3.2010
cebit.com

Negotwatts into Rewards (US)

~120 Partner
~80 Mi € Budget