



Access to Knowledge through the Grid in a Mobile World

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<http://www.mobilegrids.org>

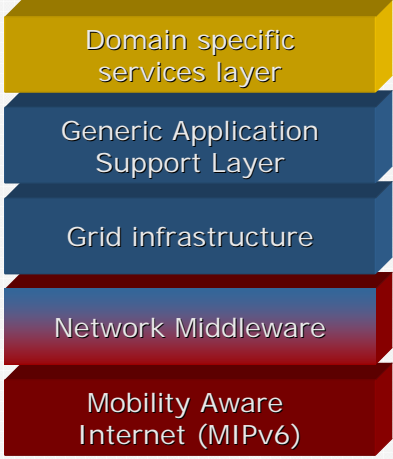
What is different in Akogrimo?



- We are targeting the “Mobile Grid”
 - Mobile does **not** mean only wireless or small devices
 - Mobile does not mean for us to interface with a Grid using e.g. portals.
 - We are targeting Nomadic Users and Mobile Users as well as fixed participants in Virtual Organisations.
- Business models
 - Our models will investigate value chains including a role for telecom operators
- Methods/Guidelines for providing services
 - It is not easy to provide applications services to the Grid
 - Resources owners that want to put them into the Grid need support through Methods and Tools

Differences on Technology Layer

- Reuse functionality developed for beyond 3G networks
 - A4C solutions for cross organisational accounting
 - SIP for session management and multimedia integration
 - Context Management and Local Service Discovery (e.g. Bluetooth)
 - Awareness and cooperation with the network (e.g. selection of QoS, RFIDs, ...)



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Akogrimo and GGF

- The group closest to our approach seems to be the UBIGrid research Group <http://ubigrd.lancs.ac.uk/>
- Problems:
 - OGSA is not addressing mobile resources/services so far
 - We plan to submit a Use Case as input
 - UbiGrid-RG seems to be seen as "exotic" by this community but the mobile user and worker will be common in a few years
 - How can we support this?
 - Akogrimo plans at the moment are to address many of the standardization issues directly at
 - Integration of Context IETF (SIP, SIMPLE)
 - AAA (A4C) IETF, IRTF
 - ...
 - What is the benefit of going through GGF (e.g. UBIGRID)?

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Thank you !

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General Problems (if not mentioned already)

- OGSA and technology
 - OGSI (disappeared suddenly as base technology)
 - WSRF and WSDM (seemed to be a long time the clear candidates)
 - What next ??
 - Current discussions on base technologies make grids look again as “scientific playground” rather than solid basis
 - Our policy for the prototyping now is
 - Use WSRF where absolutely needed in all other cases use “Web services specs”.

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