

Welcome to the Middleware workshop

January 22nd 2006

APAN 2006

Tokyo, Japan

Formalities

- Please, No smoking
- Please switch your mobile phone to silent ring
- No fire drills expected today
- Toilets
- Beverages
- Network Access
 - Local IT/meeting room facilities in lounge (2 laptops & printer available)
 - Wireless Access (SSID: apan, WEP: toyko)
- Lunch
- Local details (e.g. catering, internet access, toilets etc.)

Background

- APAN 2005 – Taipei
 - (Middleware breakfast meeting)



Purpose of today

- Information dissemination about middleware
 - Past, present & future
 - APAN and International developments
 - Higher education & Research community developments
 - Activities: USA, Europe, APAN
- APAN Middleware working group
 - Timeliness? Relevance? Need?

What is middleware?

Middleware as a term is applied in different ways by different organisations. The JISC uses the term middleware to describe the process of helping institutions to connect people to resources. Middleware can be implemented at all levels and is not a single piece of software or single service that resides visibly on an end-user's desktop. Technically, it can be viewed as a layer of software or 'glue' between the network and applications. Middleware can be shared by many applications serving various purposes in different environments.

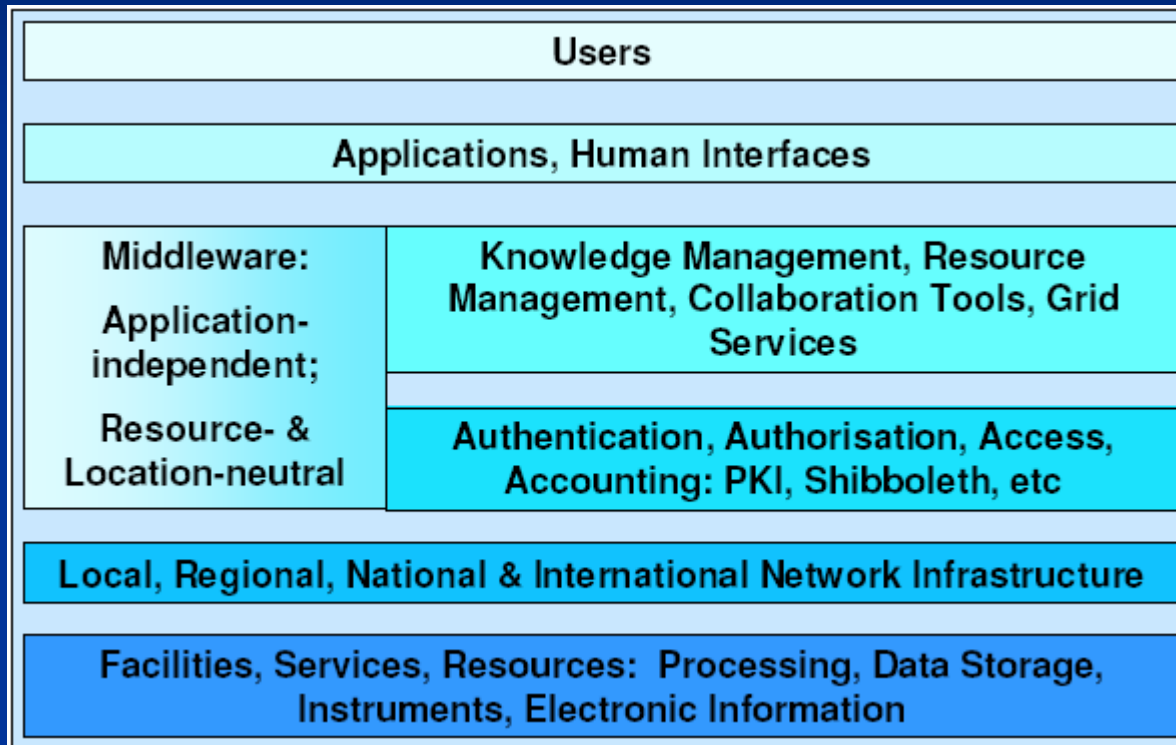
JISC (UK)

What is middleware?

Middleware, or "glue," is a layer of software between the network and the applications. This software provides services such as identification, authentication, authorization, directories, and security. The Internet2 Middleware Initiative (I2-MI) promotes standardization and interoperability and is working toward the deployment of core middleware services at Internet2 universities.

Internet2 (USA)

Where is middleware?



Structure of the day

Start	End	Session details
09.00	10.30	Session 1: Middleware in Higher education
11.00	12.30	Session 2: Middleware in Research communities
14.00	16.00	Session 3: Middleware Activities
16.30	17.30	Session 4: APAN Middleware

Structure of the day

Start	End	Session details
09.00	10.30	Session 1: Middleware in Higher education – Chair: James Sankar
09.10	09.35	Identity and Access Management – Keith Hazelton
09.35	10.00	Middleware Action Plan & Strategy for Australia – James Sankar
10.00	10.30	Single Sign on and Authorisation Infrastructure using CAS ² – Dr Hisashi Naito

Structure of the day

Start	End	Session details
11.00	12.30	Session 2: Middleware in Research communities – Chair: Professor Okabe
11.10	11.35	Recent activities on building a production Grid in the Asia Pacific Region – Yoshio Tanaka
11.35	12.00	The CAUDIT PKI Project – Viviani Paz
12.00	12.30	Developments in Virtual Organisation Management – Von Welch

Structure of the day

Start	End	Session details
14.00	16.00	Session 3: Middleware Activities – Chair: Heather Boyles
14.00	14.20	Internet2 middleware initiative (past, present, future) – Heather Boyles
14.20	15.00	EuroCAMP and the European AAA and roaming activities - Klaas Wierenga
15.00	15.30	SWITCH AAI Framework – Thomas Leggenhager
15.40	16.00	MAMS Project - Erik Vullings

Structure of the day

Start	End	Session details
16.30	17.30	Session 4: APAN Middleware Developments – Chair: Professor Okabe
16.30	17.00	NAREGI The Japanese National Research Grid & Networking Infrastructure
17.00	17.10	APAN Panel session (Q&A)

Thank you

- **Thank you** to the APAN programme committee and local support (Scott et al) for hosting and supporting this event today.
- **Thank you** to all the speakers who have generously offered their time and effort to speak today.
- **Thank you** for coming to this workshop, we hope you will find it informative and interesting, we welcome any feedback you may have.