

UPDATE FROM THE CUTTING EDGE

Oct.-Dec. 2006

The abstracts of the recent research information appearing in the Vol.6 No.10-12 of "AIST TODAY" are introduced, classified by research area. For inquiry about the full article, please contact the author via e-mail.

Information Technology & Electronics

Inter-domain Advance Reservation of Coordinated Network and Computing Resources over the Pacific

To provide a stable service using resources such as computers and storages connected to a network, it is important to have a guaranteed bandwidth on the network. The G-lambda project, which AIST, KDDI R&D labs, NTT and NICT are promoting, in cooperation with the US Enlightened computing project, successfully conducted an experiment in which bandwidth between Japan and the US and computing resources in Japan and the US were simultaneously reserved and the applications were executed. This was the first experiment carried out at such scale in the world.

Tomohiro Kudoh
Grid Technology Research
Center
t.kudoh@aist.go.jp

AIST TODAY Vol.6, No.12
p.18-19 (2006)

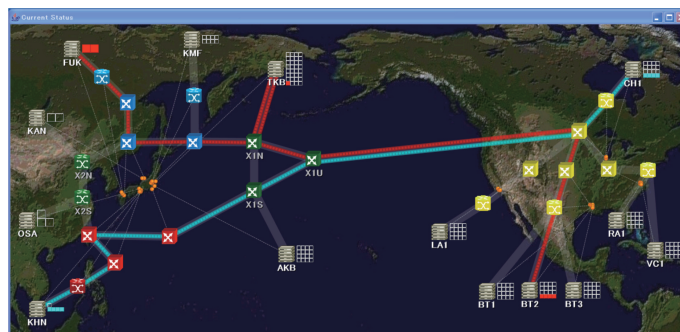


Figure : Map view of activated resources