MEDIALAB

KAREN Capability Fund - Project Milestone Reporting Template

Report Date: *July 27 , 2008*

Project Name	PlanetLab NZ	
Project Leader	Prof. K. Pawlikowski	
Co-funding Contribution	Yes	
Budget Spend	Planned to date: about 25%	Actual: about 25%
Milestone Achieved	Milestone 1: yes	
Project On Track?	Yes	
Project schedule	Planned: about 16 % (work over two months)	Actual: about 8 % (project has begun with one month delay)

Health Check — *is the project achieving its objectives so far? If not, indicate the type of risk it is e.g. time, budget, resources etc?*

GREEN	YELLOW	RED
✓		

Milestones Check —*List the project milestones, (as per the contract), and indicate how successful you have been in meeting them (i.e. status). Include the dates that they were met.*

Milestones	Contract Milestone Date	Actual Date Met	Status ☺ ✓
Installation of new PlanetLab node at the University of Canterbury	30/06/2008	26/07/2008	✓ done

The goals of the Capability Build Fund are to raise awareness and enable effective use of KAREN. REANNZ wants to promote the enabling potential of KAREN and its use through creating a community ethos of sharing knowledge.

Current Status
Two new computer servers at the University of Canterbury have become connected to the global PlanetLab network, see https://www.planet-lab.org/db/pub/sites.php .
Thus, the Milestone 1 has been reached; see Point 7, Schedule 1, of the CBF Agreement with the REANNZ regarding PlanetLab NZ, of June 5, 2008.

Successes
The technical expertise gained while working on reaching Milestone 1 will be very useful when working on installation of computer servers at the University of Otago (Milestone 2) and the University of Auckland (a part of Milestone 3)

Communications
We have produced a poster about our PlanetLab NZ project. The poster (of size A1) will be shown during APAN 2008 (Asia-Pacific Advanced Network Conference) in Queenstown, August 4-8, 2008. A larger number of its small, A4 copies will be also distributed there. Information about this project will appear in the next month's issue of "Research & Consultancy News", published by the Research Office of the University of Canterbury, and "College Connect" of the College of Engineering. We will also contact "The KAREN Newsletter", and the University of Canterbury's "Chronicle" which is published monthly and is addressed to a broader audience. We will also encourage our collaborators from

the University of Otago and the University of Auckland to publicize this research project at their universities.

Top Issues

List of any issues, difficulties or roadblocks:
One of expected participants of this project (Lee Begg), who was to work as a specialist programmer, has left the University of Canterbury and Christchurch. However, I have been able to find a replacement: Dr Greg Ewing of the Department of Computer Science and Software Engineering, and an MSc student of CSSE, Mr Elliot Fisher, are able to provide the same expertise.

Top Risks
List of any known or anticipated risks to project:
None

What's Coming Up

Next steps in project, please be as technical as possible:
One postgraduate student has joined the PlanetLab research group at Canterbury and is currently investigating a possibility of using PlanetLab via Karen in his Masters research project on P2P systems.

Installation of the PlanetLab node at the University of Canterbury has allowed us to begin research on applications of Akaroa2 (our automated controller of distributed simulation, see http://www.akaroa.canterbury.ac.nz) on computers of global PlanetLab, using KAREN as its transport medium. In September, our team at Canterbury will be joined by a visiting PhD student from Japan, who will work with us on these issues for three months.