

Minutes of the PlanetLab NZ meeting on October 7, 2008:

Present: Kryś, Harsha, Joff, Farzana, Adam

Apologies: Tony, Elliot

1. From the last meeting

1.1 Staffing : Employing Joff as the main technical support: *in progress*
Recognition of Tony's contributions: *in progress*

1.2. Reports:

Quaterly report: **by Kryś, to be written**

monthly report by phone, done (Kryś)

1.3. Corrected poster: done by Elliot; *mailing to Otago & Auckland*
will be done by Kryś

2. PAnertLab workshop

2.1 panel discussion at PDCAT'08

search for invited speaker has been successful. Our speaker and panel discussion have been included in the program of PDCAT'08:

2 Dec. 2008: 11am keynote address by Dr Max Ott of NICTA (OneLab, Orbit): "Global experimental testbeds for studying future Internet technologies" (*we have paid travel costs*)

2-3.30pm: panel discussion on "NGN/NGI Research and Experimentation".
Confirmed participation: A.Al-Anbuky (AUT), B. Carpenter (Auckland), K. Pawlikowski and H. Sirisena (Canterbury), Max Ott (NICTA, Sydney), T. Zinner (Wuerzburg, Germany)

Pending: Zhiyi Huang (Otago), T. McGregor (Waikato), R. Harris (Massey), P. Komisarczuk (Victoria)

(we will pay conference fees for up to 6 delegates from NZ)

Video conference suggested by Marc Fiuczynski from Princeton: Kryś has checked with the PDCAT'08 organizers and this idea will be not followed impractical for this particular event.

2.2. New developments:

Members of our group don't need to pay PDCAT'08 registration fees if they attend the PlanetLab panel discussion only. Trip to Otago is a part of our grant's requirement (to share our experience with maintenance and using PlanetLab).

We need to decide asap (within next two weeks): who will go, how we will travel, and where we stay in Dunedin.

The panel discussion is on Tuesday, Dec 2. Possible itinerary:

Dec 1: travel to Dunedin

Dec 2: participation in PlanetLab panel discussion

Dec 2 or Dec 3: a meeting with technicians/programmers maintaining PlanetLab node there.

Thus, we can need one or two nights of accommodation in Dunedin

Volunteers are asked to send a message to Kryś and Joff, asap.

2.2. PlanetLab workshop at the conclusion of our project (the end of June or beginning of July 2009).

Harsha has agreed to arrange such a meeting of parties involved in our project then, if Kryś is away.

3. Our old nodes

Have they been disconnected? *They are not on PlanetLab list of active nodes*
Have we sent a message/warning informing PlanetLab community about it?
Are they still useful (for non-PlanetLab applications)?

Joff will clarify these matters by the end of October.

4. New nodes

4.1 Otago: Installation at the end of October-beginning of November ?

Joff will initiate negotiation with Allan Hayes <allan@cs.otago.ac.nz> regarding the way and date of installation of our two PlanetLab machines at Otago. It will be done on the nearest occasion.

Joff, Tony and Krys: to investigate how to send these two computers to Otago if we don't need to be physically there.

4.2 Our presentation at Otago: *we will try to introduce PlanetLab to research group of Dr Zhiyi Huang from the University of Otago during PDCAT'2008.*

The exact date depends on outcomes of Item 4.1 and 2.2 (Krys & Joff)

4.3 Canterbury: migration of our PlanetLab nodes to multiprocessor:

The Dell m1000 server is going to be moved to the new data centre in the next few weeks, and preparation for the move has already begun. Tony will monitor the progress, and we will try to install our PlanetLab there asap. Farzana is ready to participate.

If the migration is successful, an appropriate message should be to PlanetLab community. If it is unsuccessful, we will need to purchase two additional servers, for Auckland. *Tony and Krys will monitor the developments.*

5. Current maintenance of PlanetLab (inquiries received by email)

keeping log of these activities: *a web-based archive will be prepared by Joff*

6. PlanetLab-related research:

6.1 Possible conference travel scholarship for PhD students: advertising done by Krys

6.2 Guidelines for using PlanetLab for research on our webpage (how to be assigned slices on PlanetLab machines, find the required resources, etc.)

Farzana as the first user, will draft the first version of such guideline based on her own experience

6.3 Experimenting with PlanetLab

Plans for the nearest future:

distributed version of Akaroa2 (*Farzana&Greg*)

P2P: *Adam*

IPv6 (in wired and wireless networks): *Tim*

NGN resilience: *William*

OneLab-based research on wireless sensor networks (?): *Elliot and Geoff*

Information about these projects should appear on our webpage activities become sufficiently advanced (*research teams of the projects and Joff*)

7. Other matters

New contracts need to be arranged for Farzana and Adam (Krys)

Next regular meeting: on 28 October