

Editorial

Dear reader,

Panlab's basic concepts promise a possible path towards a sustainable and "friendly" environment in which results of R&D projects can be tested on a large scale.

These basic concepts have still to prove their viability in terms of technical implementation and, more importantly, in terms of long-term sustainability. The Panlab team believes in the approach and is working hard to provide solid evidence for the viability and sustainability of the Panlab vision.

Since the last newsletter a large number of interesting and important things happened in the area of testbeds and experimental facilities in Europe. We tried to capture and aggregate the most relevant events in this newsletter.

Please enjoy reading.

Anastasius Gavras, Panlab co-ordinator

Project results & activities

Panlab repository

In February, Panlab has launched a testbed repository on its website. Testbed providers are invited to submit information about their testbed. Potential users of testbeds can query the repository to discover testbeds relevant to their R&D.

[Panlab repository portal](#)

Legal framework

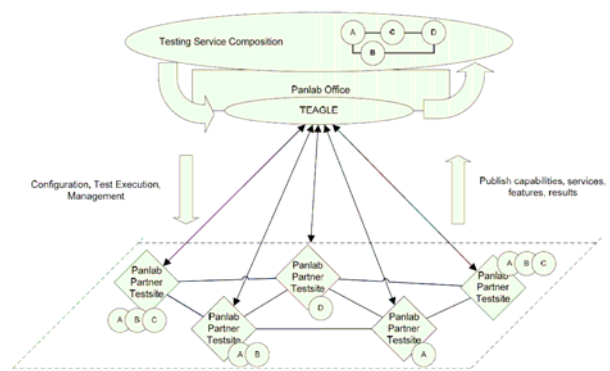
At the end of 2007, the Panlab consortium completed its legal framework for creating the future Panlab testbed federation. The legal framework describes the Pan-European Laboratory's basic organisational structure and specifies its creation as a non-profit organisation. Furthermore, the Panlab consortium evaluated and drafted the necessary legal documents in order to formally establish the Panlab organisation.

[Deliverable 2.1 Legal Framework](#)

Technical framework

In February 2008, the technical framework for future Panlab testbed federation has been released by the project consortium. It includes a general framework for the interconnection of independent testbeds and laboratories as well as principles for their facilitation. Furthermore, the document investigates the means to set up and to control a federation of testbeds from a technical point of view and describes processes that allow for an automated access to remote assets and resources, within the context of a specific contract.

The Panlab testbed federation concept is composed of multiple test laboratories and testbeds that are interconnected through a Virtual Private Network (VPN), as well as the Panlab Office, which are empowered by the Teagle search and orchestration engine. The Panlab infrastructure will be deployed in stages, evolving from a simple to more advanced configurations.



The general Panlab testbed federation concept

The Panlab evolution path will go from a manual phase (testbed descriptions are manually entered by each testbed representative) to a totally automated solution allowing both partners and customers to set up and configure the required testbeds on demand. The technical infrastructure offered by Panlab is not static; it is dynamic and will evolve, including new platforms, services and systems offered by previously connected or new laboratories.

[Deliverable D2.2](#)

[Approach to Technical Infrastructure](#)

Past events

Panlab at Future Internet conference Bled

At the European conference on “The Future Of The Internet – Perspectives emerging from R&D in Europe” in Bled, Slovenia, on 31 March – 2 April 2008, Panlab, jointly with Onelab, organised a session on “Future Internet Research and Experimentation”.

[Presentations on the FIRE session page](#)

[Bled conference website](#)

Upcoming events

Panlab Seminar 2008 on 13 - 14 May

The Panlab Seminar 2008 “Testbed Federation in Europe” will be held in Dinard, France on 13 - 14 May 2008. The seminar will present the main project results of Panlab on testbed federation for next-generation networks as well as best-practice of testing services in Europe.

[Panlab Seminar page](#)

FIREweek in Paris on 10-11 September

The first FIREweek will be held in Paris, France, on 10-12 September 2008.

Under the leadership of the support action FIREworks, the Future Internet Research and Experimentation (FIRE) projects organise for the first time a week for dissemination and brainstorming on future large-scale experimental research and its supporting facilities. The motivation is to bring together the stakeholders in the FIRE area and facilitate the sharing of experiences, results and ideas for large-scale experimentally driven research on networks and services.

The FIREweek serves the purpose of clustering and coordination of the (FIRE) projects. Ending FP6 projects and newly started FP7 projects are welcome to take the floor and present their outcomes and plans. The EC’s established concerta-

tion event is being developed further, and participants are invited to contribute also to the strategic work of the FIRE activities.

More information will be available soon at:
<http://www.ict-fireworks.eu>

4th International IMS Workshop, 6-7 November 2008, Berlin, Germany

Fraunhofer Institute FOKUS, FOKUSfriends and DLC in cooperation with the Chair for Next Generation Networks (AV) at the Technical University of Berlin, organize the 4th International FOKUS IMS Workshop 2008 “Challenges and Opportunities in a Converged Services World - an Update on IMS, SDP and SOA”. The workshop will be held at FOKUS in Berlin, Germany, on 6-7 November 2008.

Further information and registration:
http://www.fokus.fraunhofer.de/go/ims_ws_08

Contact for questions and sponsorship opportunities: ims-event@fokus.fraunhofer.de

About Panlab

Panlab is a Specific Support Action of the European Union’s 6th Framework Programme, Thematic Priority 2 (Information Society Technologies). It was submitted to the fifth call of the programme and addresses the strategic objective “Research networking testbeds”. The project is partly funded by the European Commission. Panlab is running from June 2006 to May 2008 and has an overall budget of about 1.3 million euro.