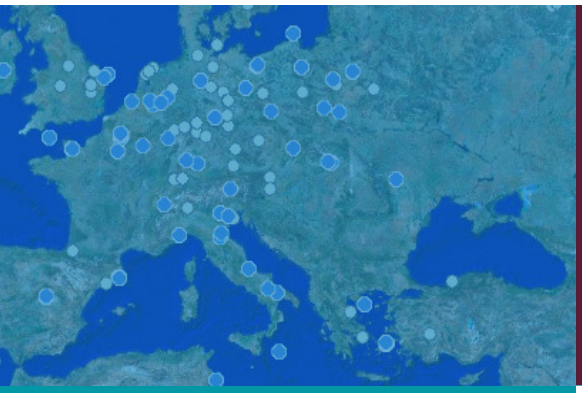
F-Lab

Testbed access



A world-wide platform for Internet developers

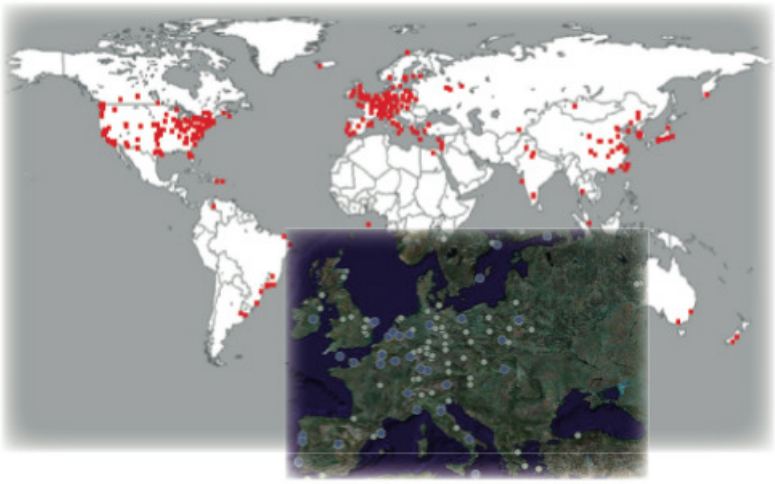
PlanetLab Europe testbed

A world-wide testbed

Developing and deploying reliable Internet services requires the ability to test new technologies in an environment that provides the same conditions found in the real-life Internet.

PlanetLab Europe is a network of open computers distributed across the world and available for the development of new network services.

Already used by over 1,600 experimenters, it is designed to be the most realistic platform available for trial deployment and experimentation, with services such as distributed storage, network mapping, peer-to-peer systems, distributed hash tables and query processing.



PlanetLab nodes worldwide and (insert) PlanetLab nodes located within Europe.

Hundreds of Linux systems physically distributed across the world are remotely accessible on the public Internet and available to host applications for testing in a real-life environment.

Once you become a member of PlanetLab Europe, you can provision private virtual servers on any of over 1000 PlanetLab nodes. These virtual servers can be used to deploy live Internet services that are exposed to the same issues that arise in genuine production environments: variable bandwidth, diverse latencies, realistic robustness and failure modes.

PlanetLab Europe is the European arm of the global PlanetLab testbed.

Benefits

A geographically distributed facility
> Access to machines located all over the world.

A real-life test platform
> Face real Internet complexity: real delays, real traffic... and real problems.

A connection to real Internet users
> As PlanetLab Europe is available on the public Internet, applications can be tested by real users.

A homogeneous distributed computational resource
> Highly-distributed testbed giving access to hundreds of individual virtual machines running a common operating environment.

A community of experts
> Already used by a large community of experts in networking, from a wide range of international organizations.

How to join us

New members each provide two server-class computers in order to contribute to testbed capacity. These machines can be either hosted at the member site or hosted remotely.

Type of membership (cost per year)
- FP7 Member (0 €)
- Academic Member (0 €)
- Director Member (0 €)
- SME Member (1 k€)
- Sponsor Member (10 k€)
- Associate Member (25 k€)
- Full Member (75 k€)
- Charter Member (300 k€)

For more information, the PlanetLab Europe support team would be happy to help you. Contact them at support@planet-lab.eu.

Members

They already use PlanetLab Europe
Alcatel-Lucent, British Telecom, Eötvös Loránd University, Ericsson, Fraunhofer FOKUS, University of Paderborn, Telekomunikacja Polska, Università di Pisa, IT-Aveiro, University of Basel, Thomson, Thales Communications, Quantavis s.r.l., and many more.

About F-Lab

PlanetLab Europe is partially funded by the F-Lab project. Supported by the French National Agency (ANR) in the framework of its Future Networks and Services programme, VERSO, F-Lab works towards enabling an open, general-purpose and sustainable large-scale shared experimental facility that fosters the emergence of the Future Internet. Project partners include some of France's top academic and industrial research institutions, working together to develop experimental facilities on the Future Internet, and additional funding is is provided by ICT clusters Systematic and SCS.
For more information visit us at www.f-lab.fr.

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