

IFF implements SlapOS Open Source Distributed Cloud on existing Linux Desktop PC Classrooms

SlapOS Project announced during FISL Conference, at Porto Alegre, successful implementation at Instituto Federal Fluminense (Brazil) of Infrastructure as a Service (IaaS), Software as a Service (SaaS) and Platform as a Service (PaaS) for students in software engineering.

Paris (France), Campos (Brazil), Porto Alegre (Brazil), Tokyo (Japan) June 29th, 2011 - 12:00 UTC- [SlapOS](#) Project is proud to announce the first successful implementation case in Brazil. SlapOS, an open source Cloud Computing operating system initially created by [ViFiB](#) has been successfully implemented at [Instituto Federal Fluminense](#) to provide Infrastructure as a Service (IaaS), Software as a Service (SaaS) and Platform as a Service (PaaS) to students in software engineering. Backed by [ERP5](#), an open source ERP part of the [Portal of Public Software of Brazil](#), SlapOS provides a new approach to Cloud Computing based on the idea that every PC in the world can contribute to a common cloud and benefit from its services. Unlike legacy Cloud Computing, in which a single company tries to capture all the data and all the income at the expense of business and governments, SlapOS provides a more resilient, secure and fair approach.

SlapOS was deployed using a local IPv6 network, which makes the students even more excited. SlapOS has been used to deploy several SaaS applications inside of the Institute, including [UNG Docs](#), a Google Docs Open Source alternative, and [Clouddoo](#), an online office document converter and viewer system.

Pedagogy is a core value in SlapOS. While many other Cloud vendors hide their knowledge about scalability, billing, deployment and high availability, SlapOS Project team works closely with Universities to ensure that knowledge is widely shared and innovation no longer stifled.

Rafael Monnerat, SlapOS deployment supervisor at the Institute, finds the usage of the system stimulating: "Students are willing to learn SlapOS innovative technology, rather than use a black box based on obfuscated know how. After SlapOS lessons, we saw some students adapting their favorite applications to be cloud-ready in short time. This is a tremendous success for us."

IFF's Professor Rogério Atem de Carvalho highlights "This was just the first step, our next goal is to turn our entire laboratory into a Cloud testbed for applications based on Plone, Django, ERP5 and other frameworks. The key advantage in adopting SlapOS is the possibility to reuse existing computers in classrooms and build our private Cloud. We don't have to invest or acquire new computers."

SlapOS community manager, Cédric de Saint Martin, concludes : "Deployment at IFF shows that SlapOS is now ready to be used in production. We learned a lot at IFF about Education requirements and how to easily deploy SlapOS in heterogeneous environments. Whenever possible, Academic Organizations want to leverage existing infrastructure and use it to host private Cloud : SlapOS is the perfect match for this."

SlapOS deployment at IFF demonstrates the maturity of SlapOS as an innovative and open source alternative to legacy Cloud Computing solutions. SlapOS Project welcomes more Universities worldwide to join, extend IFF use case and innovate with new applications for Research and Education. A complete 5 days workshop will be organized on July 18th at Hangzhou Dianzi University in China with the introduction of high availability and distributed technologies using SlapOS.

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Contacts

- Cedric de Saint Martin - VP Marketing, ViFiB SARL - cedric.dsm (at) tiolive (dot) com. Phone +33 (06 81 85 97 18)
- Jean-Paul Smets - CEO Nexedi SA - jp (at) nexedi (dot) com. Phone +33 (0)6 29 02 44 25
- Rafael Monnerat - Nexedi Brasil CEO - rafael (at) nexedi (dot) com. Phone +55 22 81123285

SlapOS

More information about SlapOS can be found at : www.slapos.org

About Nexedi

Nexedi is the leader of the ERP5 Open Source ERP project and a provider of Open Source solutions for mission critical applications. With offices in Europe, Asia, Africa and America, Nexedi can provide 24/7 services to the most demanding customers in the field of aerospace, banking, government and transport. With more than 100 modules, 4 IEEE research papers and 10,000 clients, ERP5 is the most advanced Open Source ERP on the market. Nexedi is member of System@tic innovation cluster, FFII, Free Cloud Alliance, OW2 Consortium and AFUL.

Nexedi respects the principles of [TIO Libre](#) Initiative to protect the independence of its customers.

More information at: www.nexedi.com and www.erp5.org

About IFF

The Instituto Federal Fluminense (IFF) is a Brazilian public education and research institution with more than 100 years of existence, part of a network of institutes comprised of 500 campuses distributed in the whole country. IFF headquarters are located in Campos dos Goytacazes, Rio de Janeiro.

More information at: www.iff.edu.br

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