

ActiveEon announces the deployment of the ProActive Parallel Suite® by IFP Energies nouvelles as solution of distributed computing

28 June 2011, Sophia Antipolis – ActiveEon announces the deployment in production of ProActive Parallel Suite ® solution within all the sites of IFP Energies nouvelles. Following several months of extensive tests and validation, accompanied by the expert engineers of ActiveEon, the French leader open source editor of Grid and Cloud solutions, IFP Energies nouvelles confirms its technological choice and decides to accelerate the deployments of the ProActive Parallel Suite ®.

The Proactive Parallel Suite ®, <http://ProActive.inria.fr>, is available under an open source license within the OW2 community. It offers a versatile solution to gather computing resources and to provide a simple and unified access to these resources via web-based portal as well as standalone interfaces and APIs. Proactive also optimizes the execution of the most demanding applications, business workflows, numerical and financial simulations, Matlab™ and Scilab, data analysis (Map / Reduce).

The ProActive Parallel Suite ® offers a portable and unified solution for:

- Parallelization of applications and the construction of Workflows (through APIs, XML and graphic editor),
- Dynamic orchestration and the multi-application scheduling (API, secure Portal and accounting),
- Management of the hardware (CPU and GPU) and virtual (VMware Server / ESX, VirtualBox, Xen Server, KVM, Hyper-V Microsoft) resources.

“One of the biggest strengths of ProActive is its ability to seamlessly integrate into the existing infrastructures, without having to modify them”, announces Denis Caromel, co-founder and scientific consultant of ActiveEon.

IFP Energies nouvelles is a public research, innovation and industrial training organization, whose mission is to develop efficient technologies, economic, clean and sustainable in energy, transport and environment. The development of successful, economic, appropriate and sustainable technologies massively appeals to the techniques of simulation and supercomputing (HPC). IFP Energies nouvelles’ growing needs in computing power led to the federation of more than 600 computers using Proactive to deploy different types of computing and simulation codes.

“With the adoption of ProActive as a computational grid for all its sites, IFP Energies nouvelles enters in the era of Cloud Computing. We are going to cut on our hardware and software costs, to strengthen our business workflows, to use these globalized resources directly in our business software in order to accelerate them”, asserts Frédéric Gauluet, Engineer in IFP Energies nouvelles.

About ActiveEon :

ActiveEon is your technological partner to accelerate and to scale your infrastructures and applications in the field of distributed and parallel computing and business Grid and Cloud. Founded in 2007 and situated in Techno Park Sophia Antipolis, France, ActiveEon is an Open Source Professional company an INRIA spin-off (The National Institute for Research in Computer Science and Control) which co-develops the ProActive Parallel Suite ® and supplies to its customers support, consulting, integration and development, subscription and OEM partnership.

More information at <http://www.activeeon.com>.

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