

ProActive Parallel Suite® boosts productivity in the MetaQuant Platform of Metagenomics Quantitative of the INRA Centre in Jouy en Josas

Sophia Antipolis, 19 June 2012 - MetaQuant, the metagenomics quantitative analysis platform of INRA, and the group ActiveEon (developer of the Open Source solution ProActive Parallel Suite for Cloud) reinforce their partnership, a logical continuation of an extremely positive balance sheet between a high flow analysis platform and an innovative developer.

The MetaQuant platform will intensify its use of the ProActive Cloud, with the help of ActiveEon in the frame of the deployment of Big Data.

“The ProActive product fits perfectly into a hybrid architecture multiplatform. By using standard protocols, the product is able to interoperate with an LDAP directory or Active Directory. ActiveEon’s guidance and support are very efficient with a performance requirement that surpasses by far its competitors. The use of ProActive allowed us to have a commonplace approach to the treatment of our infrastructure that includes the OS Linux, Windows and GPU processors. With this product we have reduced our human operating costs by a factor of 10. Thanks to ProActive, we plan to treat 500 terrabytes/year within 2 years, and to permit the pre-industrial demonstrator MetaGenoPolis, funded by the “Grand Emprunt” (Big Loan) and led by INRA, to be a leading European player in the analysis of metagenomic samples”,

declared Jean-Michel Batto, head of IT at Micalis (a mixed unit of INRA and AgroParis Tech), Nicolas Pons, head of bioinformatics processing of the MetaQuant platform, and Sean Kennedy, director of the MetaQuant platform.

Concerning ActiveEon :

ActiveEon is your technological partner to accelerate and to upscale your infrastructures and applications in the field of distributed and parallel computing of the Grid and Cloud business. Founded in 2007 and situated in the Sophia Antipolis Techno Park, France, ActiveEon is an Open Source Professional company, an INRIA spin-off which co-developed the ProActive Parallel Suite®; it supplies to its customers support, consulting, integration and development, subscription and OEM partnership. The *ProActive Parallel Suite*, developed in collaboration with INRIA and the University of Nice Sophia Antipolis, is available under an Open Source license within the OW2 community. It offers a versatile solution to regroup computing resources and to provide a simple and unified access to these resources via the web-based portal as well as standalone interfaces and APIs. ProActive also optimizes the execution of the most demanding applications, company workflows, numerical and financial simulations, Matlab™ and Scilab, and data analysis (Map / Reduce).

More information on: <http://www.activeeon.com>. - **contact:** henri.piriou@activeeon.com