

ProActive Scheduling

Multi-Platform Job Scheduler

Distribute Your Workload Over All Your Computing Resources!

ProActive Scheduling is an **open source multi-platform job scheduler** managing the distribution of **taskflows** and applications execution over the available computing resources.

ProActive Scheduling ensures **more work done with fewer resources**: maximum utilization and optimal allocation of existing IT infrastructure, reducing administration costs and future hardware expenditures.



Increase Productivity

Contributes to enhancing your competitiveness

Maximize ROI

Better utilization of your existing resources

Optimize Human Resources

Within every IT's reach: no need for specific skills

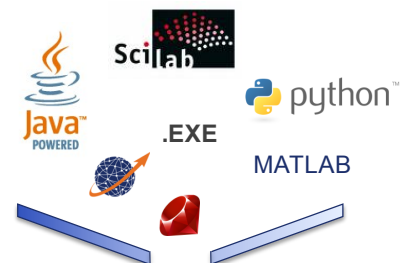
Greater Scalability

Easily adapts to your current needs

Why Choose ProActive Scheduling?

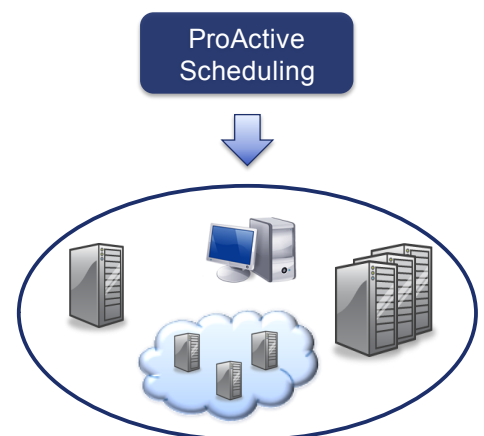
Adapts to Your Exact Needs

- Provides an intuitive and reliable framework for the execution of all your business critical applications
- Centralizes all users requests and distributes the workload over the pool of existing computing resources
- Combines with any of your program or application thanks to a dedicated API
- Guarantees a successful integration within your IT environment and work habits



Boosts Job Scheduling

- Enables a business driven prioritization of users' requests thanks to highly configurable scheduling policies
- Simplifies the generation of taskflows processing files thanks to automatic file transfer
- Manages workload over dynamic pools of resources
- Enables a fine grain activity monitoring to further improve scheduling policies



Guarantees Successful Workload Management

- Features a reliable fault detection and proper automatic restart to ensure job completeness in any case
- Secures accesses to computing resources
- Enables IT admin to have full control over pending jobs: priorities, pause, stop, resume... Users have control only over their own requests

ActiveEon is a Professional Open Source Software company, co-developing *ProActive Parallel Suite* with the research team OASIS (a joint team between INRIA, CNRS, I3S and the University of Nice – Sophia Antipolis).

ActiveEon provides a full range of services for *ProActive Parallel Suite*:

- Training and Certification
- Consulting
- Technical Support
- Integration and Development
- OEM partnership

CONTACT INFORMATION

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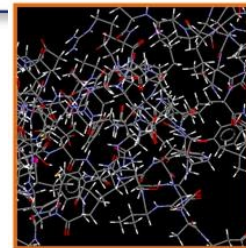
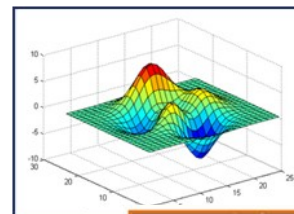
www.activeeon.com

ProActive Scheduling For Your Domain

Thanks to its highly configurable architecture, ProActive Scheduling can be easily customized to **seamlessly integrate with all the applications you frequently use.**

Distributed versions of the following programs are already available:

- **CCDC GOLD** A leading protein-ligand docking program
- **MATLAB®** The widely used high level computing environment for algorithm development
- **Scilab** The open source platform for numerical computation
- **Price-it® Excel** A leading pricing tool for independent valuation of financial products



An Intuitive Graphical Interface

ProActive Scheduling is provided with a **dedicated Graphical User Interface built as Eclipse RCP plug-ins**. The graphical interface allows to easily submit new jobs, monitor activity and view jobs results using the appropriate application.

Jobs being processed with progress bar

Queue of pending jobs for easy monitoring

Control panel

List of Processed jobs

Detailed view of the selected job: properties and tasks contained or output console

Job properties and results preview

Broad IT Supported Environment

- **Operating System** *both server and client sides*



SOLARIS

- **Java Virtual Machines**

Sun

sgi

bea JROCKIT

Get Started Now!

- **Download for FREE**
 - ProActive Scheduling source code and binaries
 - The complete associated Manual
- **Choose the ProActive Edition you need**



Community

Developer & User Support

Enterprise

ActiveEon Professional Support