# ActivePython®

# END-TO-END PYTHON SOLUTIONS:

## ACTIVEPERL, PERL DEV KIT, KOMODO IDE FOR PERL, PERL TRAINING AND CONSULTING

MILLIONS OF DEVELOPERS AROUND THE GLOBE USE PYTHON'S FLEXIBILITY TO BUILD POWERFUL WEB APPLICATIONS, APPLICATIONS FOR TESTING, BUILD CONTROL AND MANAGEMENT, AND MORE.

Since Python is an open source programming language, you immediately reduce up-front project costs by adding Python to your development toolbox. Python is now one of the fastest-growing programing languages, but when using it for building business applications, developers should consider the risks.
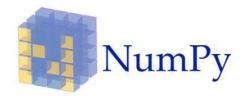
Like most open source projects, Python isn't quality assured or commercially supported, so it may not be safe for business or mission-critical applications that must run flawlessly every day. Don't let Python be a point of failure for your internal support tools. Or worse, don't let it compromise your revenue-generating applications or your company's reputation for building quality software.

## WORLD'S BEST PYTHON DISTRIBUTION

ActivePython is the industry-standard, commercial grade Python distribution used by millions of developers around the world. Whether you're using Python to run vital, mission-critical applications or in open source projects, ActivePython offers worry-free implementation and significant time savings over open source Python for installing, removing, upgrading, and managing common Python modules. ActivePython comes precompiled for easy out-of-the-box installation and includes core Python, common modules, the Python Package Manager (PyPM), and complete documentation.

Lawrence Backman, VP at CA

*"ActiveState's trusted version of Perl has allowed us to continuously raise the bar on quality as well as cut the cost of expanding our product matrix."*

NumPy

## KEY PYTHON PACKAGES FOR FINANCIAL AND SCIENTIFIC COMPUTING MARKETS

In response to the major failures of the United States financial system and specifically the complexity and lack of transparency of troubled asset-backed securities over the past few years, on April 7, 2010, the U.S. Securities and Exchange Commission (SEC) proposed new rules covering asset-backed securities that include a proposal to use Python for financial modeling. A key SEC proposal would require, along with the prospectus filing, the filing of a computer program modeling the contractual cash flow provisions (also know as a 'waterfall model') expressed using Python.

ActivePython now includes key fundamental mathematical computational packages, NumPy & SciPy, that enable developers, traders, quantitative analysts, scientists and engineers to build data intensive, complex mathematical computing applications for financial modeling and scientific analysis of complex data using Python:

› The packages necessary to build any applications for financial modeling, to help visualize if-then scenarios to assess risk

› Ability to get ready to comply with the SEC's proposal to use Python for creating financial models that will be used to add new levels of transparency to asset-backed securities market

› Service level guarantees to support the financial sector's business-critical systems

Besides the financial sector, both NumPy and SciPy have obvious scientific uses and are in widespread use by scientists & engineers. NumPy can also be used as an efficient multi-dimensional container of generic data. Arbitrary data-types can be defined. This allows NumPy to seamlessly and speedily integrate with a wide variety of databases.

## FAIL-SAFE ACTIVEPYTHON FOR BUSINESS AND MISSION-CRITICAL APPLICATIONS

With ActiveState commercial-grade technical support and consulting for Python, you no longer need to depend on overworked internal resources or public Python communities to solve development issues.

**ActivePython Enterprise Edition** is designed for businesses with large Python deployments in essential, mission-critical applications that, when down, could cost your business in lost revenue and a damaged reputation. Deploy Python with confidence knowing you're using the most secure, enterprise-grade builds for platforms like Windows, Linux, Mac OS X plus AIX, Solaris and HP-UX.

You'll get priority access to our Python experts to ensure core applications are efficient, powerful and reliable. Plus, guaranteed Intellectual Property (IP) indemnification lets you focus on keeping mission-critical applications up and running and your business flourishing.

**ActivePython Business Edition** is an affordable solution for small and mid-sized organizations that need fail-safe Python for business applications but don't require advanced features like indemnification or enterprise-grade support. Business Edition customers trust ActiveState's guaranteed technical support and regular fixes and updates to ensure they're using the most secure, high-performance Python in their applications.

## TURN-KEY PYTHON REDISTRIBUTION RIGHTS

**ActivePython OEM Edition** is a turn-key licensing solution for ActivePython redistribution rights.

If you include Python in enterprise software or hardware, ActivePython OEM immediately guarantees assurance

and eliminates all legal risk that accompanies distributing Python and modules in commercial applications.

## FASTER, EASIER PYTHON DEVELOPMENT

**Komodo IDE** is ActiveState's award-winning, professional development environment for Python and other dynamic languages and open technologies. Its sophisticated tools include a code editor, syntax checking and coloring, debugging tools and more. With Komodo IDE's new, improved features for team development, developers can share the joy and the workload!

## COMMUNITY-FRIENDLY PYTHON

**ActivePython Community Edition** is a free, ready-to-install Python distribution for Windows, Linux and Mac OS X. It's ideal for community developers or open source projects that are not missioncritical.

It does not include access to builds for HP-UX, Solaris, or AIX, and support is only offered through forum and the community.

## EXPERT TRAINING AND CONSULTING FOR PYTHON

Get the maximum benefit from your ActiveState solutions by providing your developers with expert training in Python. Our customized training programs for Python help increase productivity, deliver powerful systems and assist in professional development. With ActiveState's Python consulting services, trust our experts to make sure your projects are delivered on-time and on-budget utilizing best practices in high-level application design and customized builds for your specific needs and processes.

**Learn more about ActiveState solutions for Python at www.activestate.com/python**

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## ABOUT ACTIVESTATE

ActiveState believes that enterprises gain a competitive advantage when they are able to quickly create, deploy and efficiently manage software solutions that immediately create business value, but they face many challenges that prevent them from doing so. The company is uniquely positioned to help address these challenges through our experience with enterprises, people and technology. ActiveState is proven for the enterprise: more than two million developers and 97 percent of Fortune 1000 companies use ActiveState's end-to-end solutions to develop, distribute, and manage their software applications written in Java, Perl, Python, Node.js, PHP, Tcl and other dynamic languages. Global customers like Cisco, CA, HP, Bank of America, Siemens and Lockheed Martin trust ActiveState to save time, save money, minimize risk, ensure compliance and reduce time to market.