PyCharm

The leading IDE for professional Python and Django development

Key Features

- Available on Windows, macOS, and Linux
- Code assistance: smart completion, one-click navigation, and PEP8 style inspections
- Safe and automated refactoring across your project
- Automatically detect code issues: e.g. unused code analysis
- Industry leading high-performance debugger
- Vim-emulation mode

System requirements

- Windows 7/8/10, macOS 10.8 or higher, Linux using GNOME, KDE, or Unity
- 1GB RAM minimum, 4GB RAM recommended
- 2GB free disk space
- 1024x768 minimum resolution

Key Facts

JetBrains PyCharm offers a complete set of tools for professional Python developers. PyCharm is built around an editor that deeply understands the code, and a debugger that gives a clear view of the code in action. PyCharm offers integration with collaboration tools like version control systems and issue trackers. The Professional Edition expands on the essentials by adding seamless integration with web frameworks, JavaScript tools, virtualization and containerization support.

Deep Intelligence

A key aspect of programming is understanding the codebase you're contributing to. PyCharm makes this easy by handing you industry leading code navigation tools. PyCharm ensures you can explore your project with a few keystrokes, gives you an overview of the project structure, and gives you access to the relevant documentation right from the editor. Understanding a codebase faster means making meaningful contribution faster, and speeding up your development process.

| Built-in tools | Web Frameworks | Web Development | Virtualization |
|---|----------------------------|-------------------------------------|--|
| Python debugging Version control Unit testing & | Django Flask Pyramid | JavaScript HTML/CSS AngularJS | Remote servers Vagrant boxes Docker containers |
| Code coverage Profiling Database Tools | Web2py | React Node.js Vue.js | |

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