

# Python语言基础与应用

集成开发工具 PyCharm

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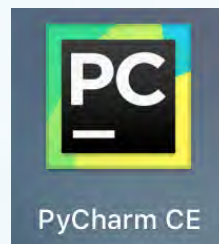


# 集成开发工具 PyCharm

- › 为什么选 PyCharm
- › 如何安装 PyCharm
- › PyCharm 设置
- › 让PyCharm 跑起来

# 为什么选 PyCharm

- › Windows、Linux以及Mac OS平台下运行
- › 语法高亮、代码检查、智能补全
- › 实时快速修复、Project管理、单元测试、版本控制以及自动代码重构和丰富的导航功能
- › 支持Django框架下的专业Web开发，支持Google的虚拟机App Engine的开发

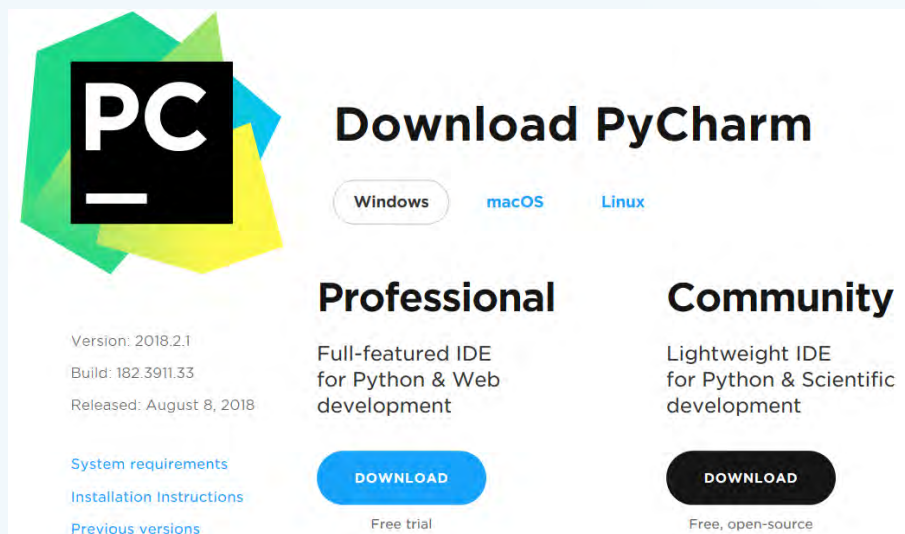




# 如何安装 PyCharm

## › PyCharm 官方下载页:

<https://www.jetbrains.com/pycharm/download/>



The screenshot shows the official PyCharm download page. On the left is the PyCharm logo, a stylized 'PC' in a black square with a white underline, set against a background of green, yellow, and blue geometric shapes. To the right of the logo, the text 'Download PyCharm' is displayed. Below this, there are three tabs: 'Windows' (selected), 'macOS', and 'Linux'. Under the 'Windows' tab, there are two main sections: 'Professional' and 'Community'. The 'Professional' section describes it as a 'Full-featured IDE for Python & Web development' and includes a blue 'DOWNLOAD' button with 'Free trial' text below it. The 'Community' section describes it as a 'Lightweight IDE for Python & Scientific development' and includes a black 'DOWNLOAD' button with 'Free, open-source' text below it. On the far left, under the logo, there is version information: 'Version: 2018.2.1', 'Build: 182.3911.33', and 'Released: August 8, 2018'. Below this are links for 'System requirements', 'Installation Instructions', and 'Previous versions'.

**Download PyCharm**

Windows macOS Linux

**Professional**  
Full-featured IDE for Python & Web development  
**DOWNLOAD**  
Free trial

**Community**  
Lightweight IDE for Python & Scientific development  
**DOWNLOAD**  
Free, open-source

Version: 2018.2.1  
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[System requirements](#)  
[Installation Instructions](#)  
[Previous versions](#)

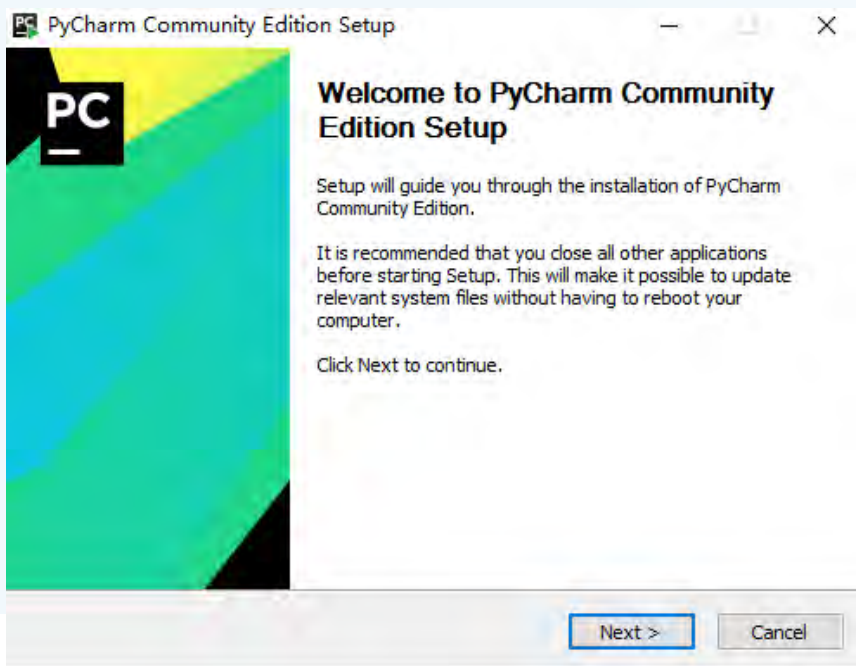
# 如何安装 PyCharm

## › Windows/Mac OS X 安装

下载安装程序

双击运行安装程序

按照安装向导，完成安装



# 如何安装 PyCharm

## › Linux 安装

### 1. 使用包管理器

```
$ sudo apt install pycharm-community
```

### 2. 网站下载安装最新版本

- ① 下载安装文件并将文件解压缩至指定的目录
- ② 在~/pycharm-community-20xx.xx/bin目录下打开终端，输入如下命令：

```
$ ./pycharm.sh
```

- ③ 完成安装，推荐将其锁定在启动器

# PyCharm 基本操作

- › **更改Configure，配置PyCharm的工作模式**
- › **Create New Project，在新建项目时需要选择Python解释器**
- › **Open，选择打开储存在计算任意位置的Python文件**
- › **Check out from Version Control，版本控制的高级功能**

# 让 PyCharm 跑起来

- › 首先New Project
- › 创建homework目录
- › 选择好Python3的解释器
- › 然后File->New...来创建Python File
- › 有巨多高级特性帮助快速编写程序
- › Run->Run...来运行程序
- › 可以Tools->Python Console调出命令行界面来执行单条语句



# 让 PyCharm 跑起来

