

# Rstudio简介

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- 一般情况下，直接使用RGui即可完成R使用。
- Rstudio是由第三方开发的R的图形化集成开发环境，在RGui的基础上添加了更多增进开发效率的功能。
- 具有收费版和免费版，本课程使用的是免费版。

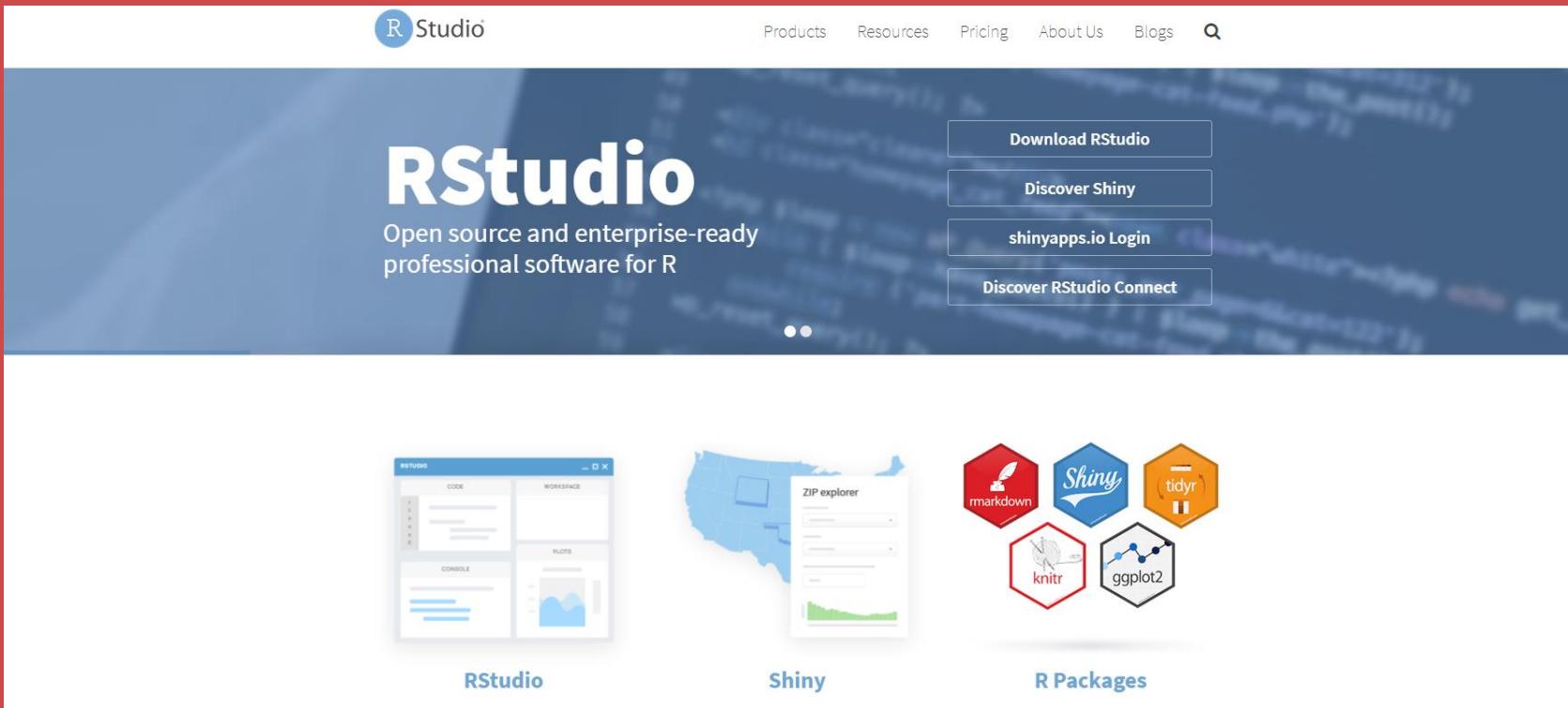
# RStudio环境配置

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- 1. 下载RStudio
- 2. 安装RStudio
- 3. RStudio界面



# 1. 下载RStudio



The screenshot shows the RStudio website homepage. The header includes the RStudio logo, a navigation bar with links for Products, Resources, Pricing, About Us, Blogs, and a search icon, and a prominent 'Download RStudio' button. The main content area features the RStudio logo and tagline 'Open source and enterprise-ready professional software for R'. Below this are three sections: 'RStudio' showing a screenshot of the IDE interface, 'Shiny' showing a screenshot of a Shiny app with a map of the USA, and 'R Packages' showing icons for markdown, Shiny, tidyverse, knitr, and ggplot2.

RStudio

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RStudio

Shiny

R Packages

<https://www.rstudio.com/>



# 1. 下载RStudio

Choose Your Version of RStudio

RStudio is a set of integrated tools designed to help you be more productive with R. It includes a console, syntax-highlighting editor that supports direct code execution, and a variety of robust tools for plotting, viewing history, debugging and managing your workspace. [Learn More about RStudio features.](#)

**FREE版**

RStudio Desktop Open Source License	RStudio Desktop Commercial License	RStudio Server Open Source License	RStudio Server Pro Commercial License	RStudio Server Pro + RStudio Connect Commercial License
FREE	\$995 per year	FREE	\$9,995 per year	\$29,995 per year
<a href="#">DOWNLOAD</a> <a href="#">Learn More</a>	<a href="#">BUY</a> <a href="#">Learn More</a>	<a href="#">DOWNLOAD</a> <a href="#">Learn More</a>	<a href="#">DOWNLOAD</a> <a href="#">Learn More</a>	<a href="#">TALK</a> <a href="#">Learn More</a>
Integrated Tools for R	●	●	●	●
Priority Support	●	●	●	●
Access via Web Browser	●	●	●	●

<https://www.rstudio.com/products/rstudio/download/>



# 1. 下载RStudio

WIN版本

RStudio Desktop 1.1.456 — Release Notes

RStudio requires R 3.0.1+. If you don't already have R, download it [here](#).

Linux users may need to import RStudio's public code-signing key prior to installation, depending on the operating system's security policy.

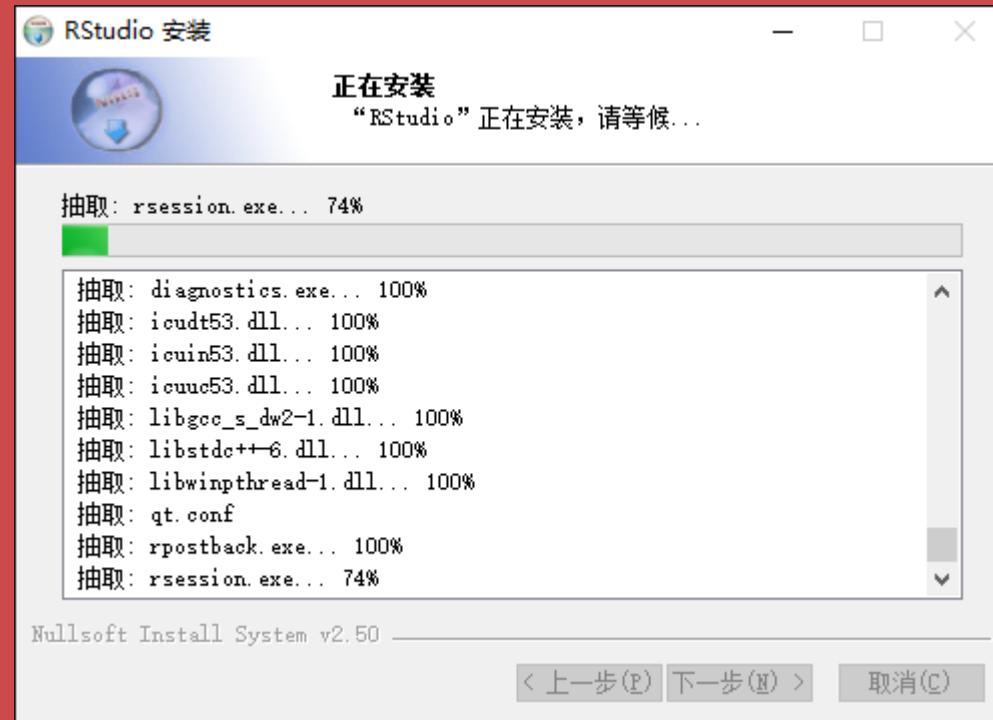
**Installers for Supported Platforms**

Installers	Size	Date	MD5
RStudio 1.1.456 - Windows Vista/7/8/10	85.8 MB	2018-07-19	24ca3fe0dad8187aab4bfbb9dc2b5ad
RStudio 1.1.456 - Mac OS X 10.6+ (64-bit)	74.5 MB	2018-07-19	4fc4f4f70845b142bf96dc1a5b1dc556
RStudio 1.1.456 - Ubuntu 12.04-15.10/Debian 8 (32-bit)	89.3 MB	2018-07-19	3493f9d5839e3a3d697f40b7bb1ce961
RStudio 1.1.456 - Ubuntu 12.04-15.10/Debian 8 (64-bit)	97.4 MB	2018-07-19	863ae806120358fa0146e4d14cd75be4
RStudio 1.1.456 - Ubuntu 16.04+/Debian 9+ (64-bit)	64.9 MB	2018-07-19	d96e63548c2add890bac633bdb883f32
RStudio 1.1.456 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (32-bit)	88.1 MB	2018-07-19	1df56c7cd80e2634f8a9fdd11ca1fb2d
RStudio 1.1.456 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (64-bit)	90.6 MB	2018-07-19	5e77094a88fdbdddb0d35708752462

<https://www.rstudio.com/products/rstudio/download/#download>

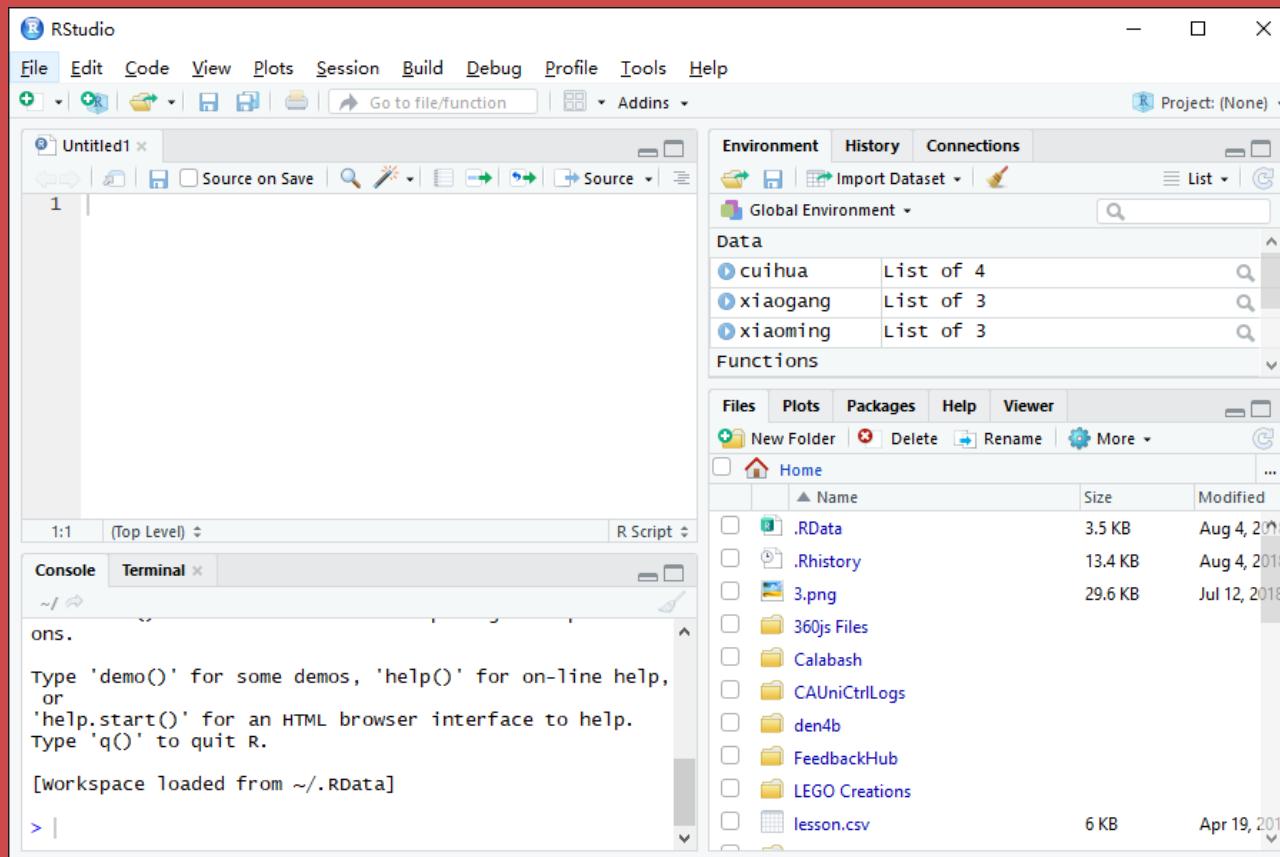


## 2. 安装RStudio



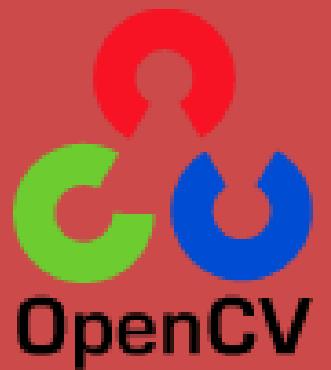


### 3.RStudio界面



# OpenCV+Python图像处理

图像处理利器



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