



R环境配置

- 1.官网
- 2.下载RGui
- 3.安装RGui
- 4.RGui基本使用

1. 官网



[\[Home\]](#)

Download

[CRAN](#)

R Project

[About R](#)

[Logo](#)

[Contributors](#)

[What's New?](#)

[Reporting Bugs](#)

[Development Site](#)

[Conferences](#)

[Search](#)

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The R Project for Statistical Computing

Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. To [download R](#), please choose your preferred [CRAN mirror](#).

If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

News

- [R version 3.5.1 \(Feather Spray\)](#) has been released on 2018-07-02.
- The R Foundation has been awarded the Personality/Organization of the year 2018 award by the professional association of German market and social researchers.
- [R version 3.5.0 \(Joy in Playing\)](#) has been released on 2018-04-23.

News via Twitter

[News from the R Foundation](#)

<https://www.r-project.org/>



2. 下载RGui



[Home]

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CRAN

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Conferences

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下载

<https://www.r-project.org/>



2. 下载RGui

China

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<http://mirrors.tuna.tsinghua.edu.cn/CRAN/>
<https://mirrors.ustc.edu.cn/CRAN/>
<http://mirrors.ustc.edu.cn/CRAN/>
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<http://mirror.lzu.edu.cn/CRAN/>
<https://mirrors.tongji.edu.cn/CRAN/>
<https://mirrors.shu.edu.cn/CRAN/>

下载地址

- 网址: <https://cran.r-project.org/mirrors.html>
- 主服务器在欧洲, 负载有限。一般选择一个距离较近的镜像下载。



2. 下载RGui



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About R

[R Homepage](#)

[The R Journal](#)

[Download R 3.5.1 for Windows](#) (62 megabytes, 32/64 bit)

[Installation and other instructions](#)

[New features in this version](#)

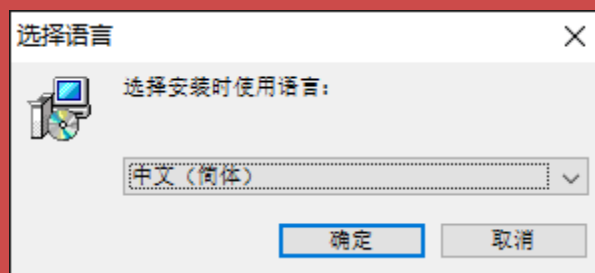
If you want to double-check that the package you have downloaded is correct, you will need a version of md5sum for windows: both [graphical](#) and [command line](#).

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

- 清华大学镜像网址: <https://mirrors.tuna.tsinghua.edu.cn/CRAN/>

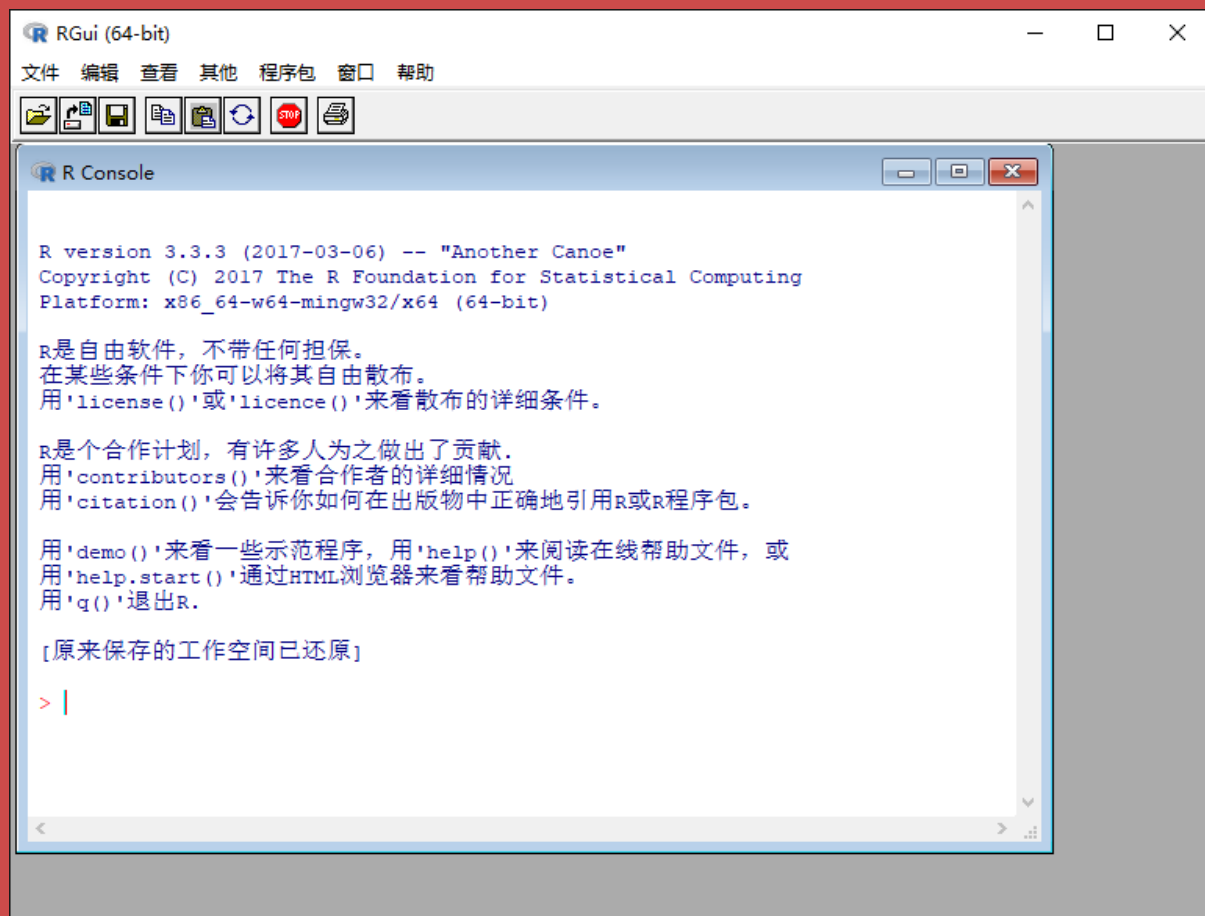


3. 安装RGui



-
- 可以根据需要选择语言版本

4. RGui的基本使用



- 直接在此输入代码即可

4. RGui的基本使用



```
RGui (64-bit)
文件 编辑 查看 其他 程序包 窗口 帮助

R Console

R version 3.3.3 (2017-03-06) -- "Another Canoe"
Copyright (C) 2017 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R是自由软件，不带任何担保。
在某些条件下你可以将其自由散布。
用'license()'或'licence()'来看散布的详细条件。

R是个合作计划，有许多人为之做出了贡献。
用'contributors()'来看合作者的详细情况
用'citation()'会告诉你如何在出版物中正确地引用R或R程序包。

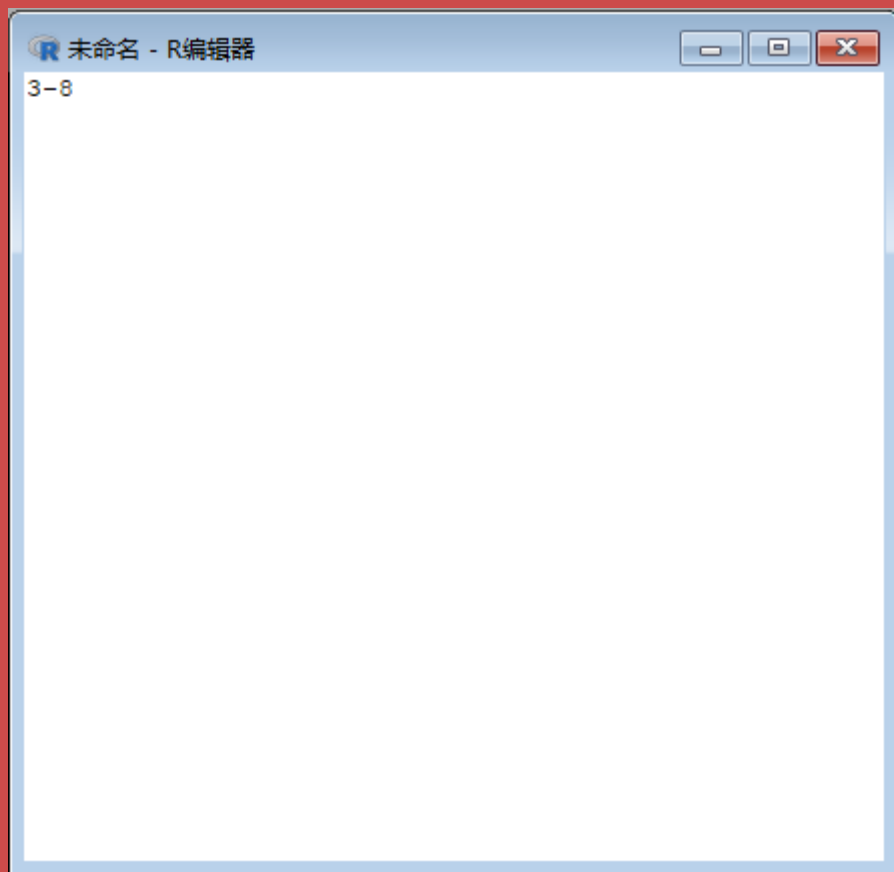
用'demo()'来看一些示范程序，用'help()'来阅读在线帮助文件，或
用'help.start()'通过HTML浏览器来看帮助文件。
用'q()'退出R。

[原来保存的工作空间已还原]

> 3-8
[1] -5
> |
```

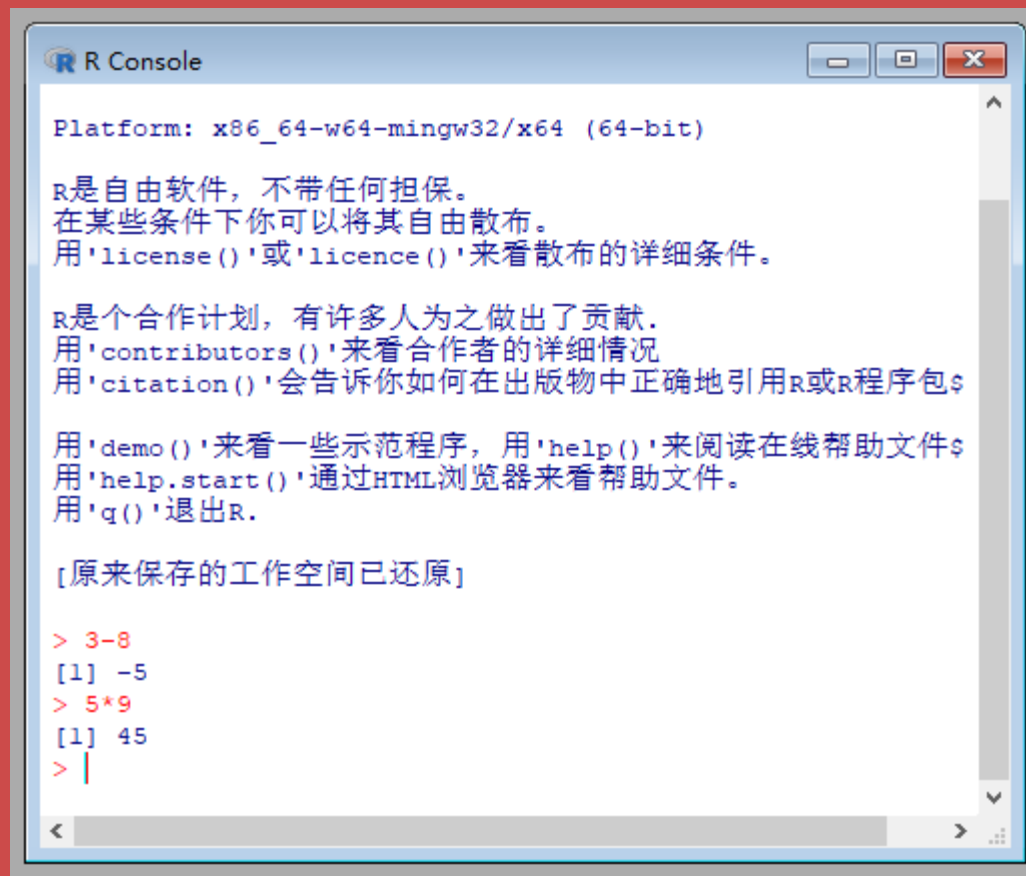
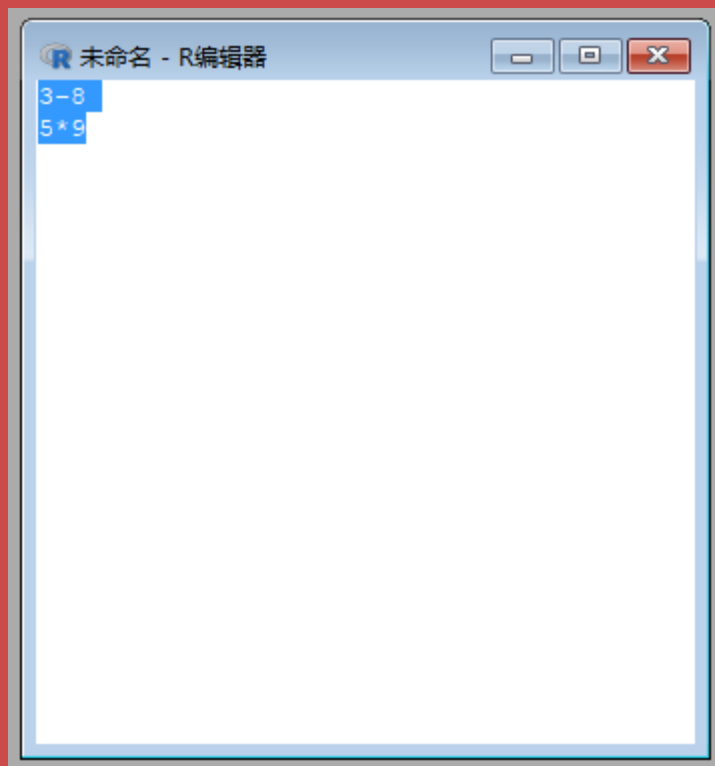
- 输入数学表达式“3-8”，得到值“-5”。

4. RGui的基本使用



- 新建程序脚本文件，将代码编写在脚本内。

4. RGui的基本使用



- 选中代码，按下“CTRL+R”键，运行脚本内文件，在控制台观看结果。

OpenCV+Python图像处理

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