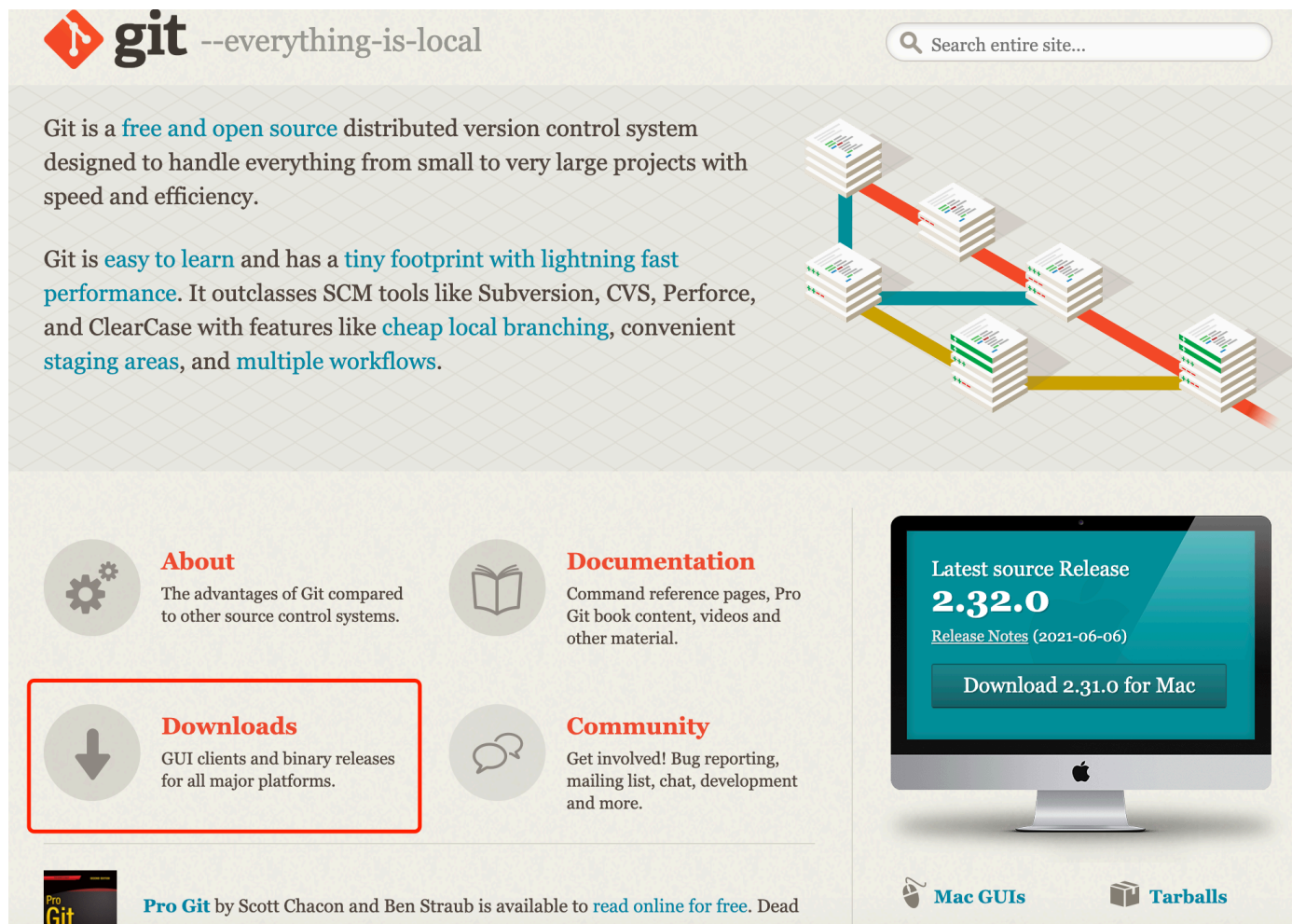


# Mac git的安装与配置

## 安装

访问git官网<https://git-scm.com/>

点击官网的下载按钮



The screenshot shows the Git website homepage. At the top, there's a navigation bar with the Git logo and the tagline "--everything-is-local". A search bar is on the right. The main content area features a large text block describing Git as a free and open source distributed version control system. To the right of this text is a diagram illustrating Git's distributed nature with multiple repositories connected by lines. Below the main text, there are four circular icons representing different sections: About, Documentation, Downloads, and Community. The 'Downloads' section is highlighted with a red border. On the right side, there's a large image of a Mac monitor displaying the latest source release (2.32.0) and a button to download for Mac. At the bottom, there's a section for 'Pro Git' by Scott Chacon and Ben Straub.

**git** --everything-is-local

Search entire site...

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.

**About**  
The advantages of Git compared to other source control systems.

**Documentation**  
Command reference pages, Pro Git book content, videos and other material.

**Downloads**  
GUI clients and binary releases for all major platforms.

**Community**  
Get involved! Bug reporting, mailing list, chat, development and more.

**Latest source Release**  
**2.32.0**  
[Release Notes \(2021-06-06\)](#)  
[Download 2.31.0 for Mac](#)

**Pro Git** by Scott Chacon and Ben Straub is available to [read online for free](#). Dead

**Mac GUIs** **Tarballs**

选择MacOS

## About

## Documentation

## Downloads

[GUI Clients](#)

[Logos](#)

## Community

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

# Downloads



 **Windows**

 **Linux/Unix**

Older [releases](#) are available and the [Git source repository](#) is on GitHub.



## GUI Clients

Git comes with built-in GUI tools (**git-gui**, **gitk**), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

## Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)

这里有很多种的git下载安装方式，我们此处选择二进制文件安装，点击如图所示installer按钮

# Download for macOS

There are several options for installing Git on macOS. Note that any non-source distributions are provided by third parties, and may not be up to date with the latest source release.

## Homebrew

Install [homebrew](#) if you don't already have it, then:

```
$ brew install git
```

## Xcode

Apple ships a binary package of Git with [Xcode](#).

## Binary installer

Tim Harper provides an [installer](#) for Git. The latest version is [2.31.0](#), which was released 4 months ago, on 2021-03-16.

## Building from Source

If you prefer to build from source, you can find tarballs [on kernel.org](#). The latest version is [2.32.0](#).

## Installing git-gui

If you would like to install [git-gui](#) and [gitk](#), git's commit GUI and interactive history browser, you can do so using [homebrew](#)

```
$ brew install git-gui
```

下载后根据提示完成安装即可

 git-2.15.0-intel-universal-mavericks.dmg	昨天 下午 7:51	29.9 MB	磁盘映像
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最后访问终端，使用一下命令测试

```
git --version
```

出现如下图所示即为安装成功

```
[easongguo@EASONGGUO-MB0 ~ % git --version  
git version 2.15.0
```

## 配置(基于ssh)

1.在本地添加"username"和"email"

```
git config --global user.name "username"

git config --global user.email "email"
```

## 2.生成ssh密钥

### 1. 检查

首先检查电脑是否生成成果密钥

```
cd ~/.ssh
```

若打开该文件夹为空，则表示没有生成过密钥，进入第二步。（~表示根目录）

### 2. 生成

```
ssh-keygen -t rsa -C "Title" (随便起一个title)
```

命令要求输入密码，这个时候不用输入，直接三个回车即可

### 3. 查看

执行成功后，会在主目录.ssh路径下生成两个文件：id\_rsa私钥文件；id\_rsa.pub公钥文件

分别执行一下命令

```
cd ~/.ssh
ls
cat id_rsa.pub
```

文件会被打开，并复制其中的内容

### 4. 添加

在git上

- 点击setting
- 点击SSH Keys
- 点击add SSH key

在远程仓库gitlab上添加title和key，和本地的一致；

title可以自己取一个容易区分的名字(最好和上面的保持一致)，key为id\_rsa.pub中的内容（全部复制，可用“cat id\_rsa.pub”命令打开）

## 完成

这样我们Mac电脑的安装和配置就完成了！

本文部分参考自  
[MAC配置Git环境](#)