TEX Live 的安装简单教程



耿楠

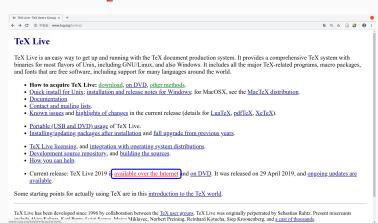
2019 年春

西北农林科技大学教学发展中心

下载 T_EX Live

● 下载

- http://www.tug.org/texlive/
 - △ 单击T_FX Live 2019下载链接



● 下载

- http://www.tug.org/texlive/
 - △ 单击ISO 镜像文件下载链接



% Acquiring TeX Live - TeX U: × +

TeX Live 2019 is available for download now. It is also available on DVD from TUG and other user groups.

You can acquire TeX Live in many ways. For typical use, we recommend the first two:

- Installing TeX Live over the Internet (recommended, for installation over the network).
- Getting TeX Live on DVD (recommended, for installation from media). Downloading one huge ISO file (typically to burn your own DVD).
- Downloading several big tarballs (typically to do downstream development work).
- · Mirroring/downloading the TeX Live repository (typically because you have problems with network installation, or have several machines to keep updated).

Past and future

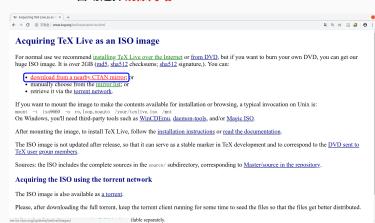
The last general update of packages and programs for the DVD was made around 10 April 2019. However, we continuously update packages in TL as they are released to CTAN. Post-installation updates are done with the tlmgr program, tlmgr also provides many other TeX installation options and features, explained in the tlmgr documentation.

Although it is possible to update continuously, it is not necessary or even recommended. The set of packages and programs that were included in the official release will most likely suffice unless you know that you specifically need updates made since then. That set is also the only one which gets tested as a coherent release.

Older releases of TeX Live are available. You might find one useful if you need a release of particular vintage. There's no problem with having multiple versions of TL installed (in different directories); in fact, the default directory structure is arranged to facilitate this. After installation, just set your PATH accordingly.

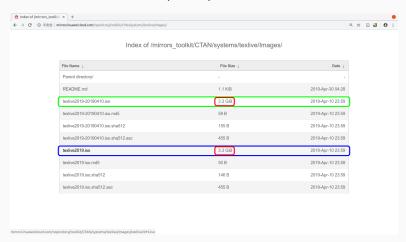
● 下载

- http://www.tug.org/texlive/
 - △ 自动选择镜像网站

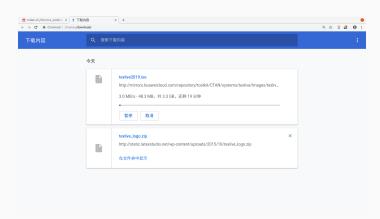


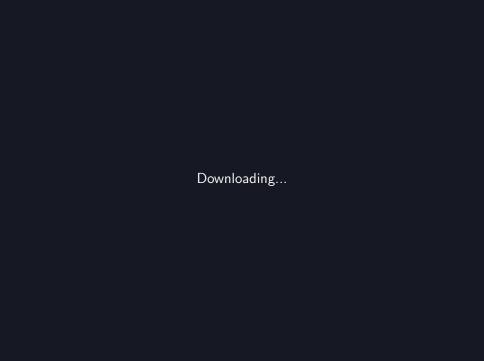
● 下载

- http://www.tug.org/texlive/
 - △ 任选 1 个下载 (3.3GiB)



- 下载
 - ** http://www.tug.org/texlive/
 - △ 开始下载





安装 T_EX Live

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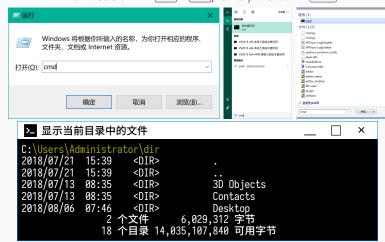
命令行基础

- 打开终端
 - ☞ **■**:右键开始菜单、空白处 ① + 右键 、 🗉 + R & cmd

 - 響 **≰**: 第 + 搜索 Terminal、可在 Finder 中添加服务
- 基本命令:
 - cd、ls/dir、rm/del、clear/cls
 - ☞ 选项: -h、--help、/?
- 其他:
 - **复制粘贴:** Ctrl/①+ Ins 、 Ctrl + c/v 、 第 + c/v
 - ☞ 路径连接符:斜线(/)或反斜线(\)
 - ☞ 换行符: LF (\n) 或 CRLF (\r\n)
 - ☞ 结束进程: Ctrl + C
- ▼ 文件路径及命名中不要使用中文、空格以及特殊符号

^{*}本页面摘自曾祥东的"现代 LATEX 入门讲座"讲义 2.

▼ Windows 命令行窗口: 🗏 + R /小娜/ 开始 & cmd

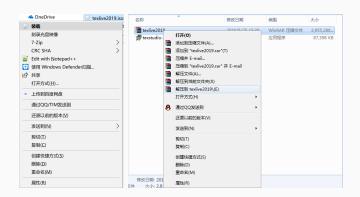


● Ubuntu 终端窗口: Ctrl + Alt + T

■ MacOS 终端窗口: 第+ 搜索 Terminal

```
xxxxxx@xxxxxx-lap:~$ 1s
Desktop Downloads p2 Public Templates Videos
Documents Music Pictures snap '#test#'
workspace
xxxxxx@xxxxxx-lap:~$
```

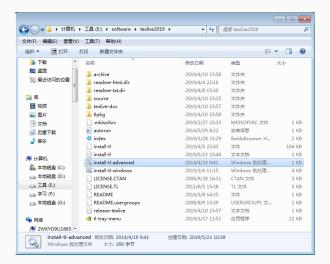
- 加载"texlive2019.iso"文件
 - ☞ Win10 直接装载或用虚拟光驱加载
 - ™ Win7 及其它用虚拟光驱加载
- ☞ 解压"texlive2019.iso"文件



解压...

装备安装文件

◆ 得到安装文件



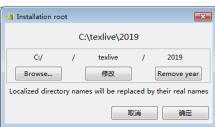
● 双击"install-tl-advanced"文件启动 TFX Live 安装





● 单击"Installation root"后的修改按钮可更改安装根目录





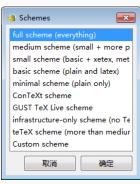
● 单击 Advanced 按钮可定制安装选项





● 单击"Scheme"后的修改按钮可选择安装方案

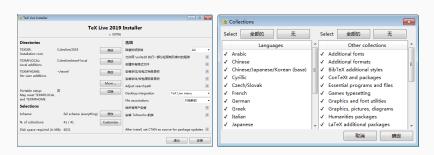




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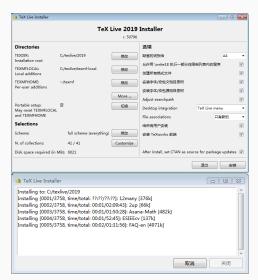
Windows 平台

● 单击"collections"后的 Customize 按钮可选择安装宏包*



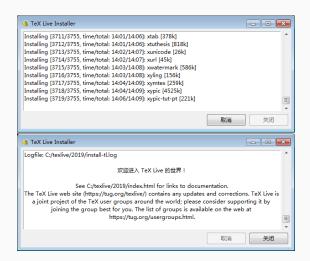
^{*}建议完整安装宏包,以备不时之需。

☞ 完成定制后单击 安装进行 TFX Live 2019 安装



安装...

● 单击关闭完成 T_FX Live 2019 安装



- ◆ 检查 T_FX Live 2019 是否安装成功
 - ☞ 打开命令行,输入: xelatex -v
 - △ 正常:输出版本信息

```
■ 管理员: C:\Windows\system32\cmd.exe
                                                                      - - X
Microsoft Windows [版本 6.1.7601]
版权所有 (c) 2009 Microsoft Corporation。保留所有权利。
C:\Users\Administrator\xelatex -v
XeTeX 3.14159265-2.6-0.999991 (TeX Live 2019/W32TeX)
kpathsea version 6.3.1
Copyright 2019 SIL International, Jonathan Kew and Khaled Hosny.
There is NO warranty. Redistribution of this software is
covered by the terms of both the XeTeX copyright and
the Lesser GNU General Public License.
For more information about these matters, see the file
named COPYING and the XeTeX source.
Primary author of XeTeX: Jonathan Kew.
Compiled with ICU version 63.1; using 63.1
Compiled with zlib version 1.2.11; using 1.2.11
Compiled with FreeTune2 version 2.9.1; using 2.9.1
Compiled with Graphite2 version 1.3.13; using 1.3.13
Compiled with HarfBuzz version 2.3.1; using 2.3.1
Compiled with libong version 1.6.36; using 1.6.36
Compiled with poppler version 0.68.0
Compiled with fontconfig version 2.13.1; using 2.13.1
C:\Users\Administrator\_
```

- 检查 T_FX Live 2019 是否安装成功
 - 野打开命令行,输入: xelatex -v
 - △ 错误:输出命令错误

```
■ 管理员: C:\Windows\system32\cmd.exe
                                                            - - X
Microsoft Windows [版本 6.1.7601]
版权所有 (c) 2009 Microsoft Corporation。保留所有权利。
C:\Users\Administrator>xelatex -v
'xelatex' 不是内部或外部命令,也不是可运行的程序
或批处理文件。
C:\Users\Administrator>
```

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*感谢现代 IATEX 入门讲座作者曾祥东的汇总整理,本文中的\link 等命令也来自该文档,在此一并对作者致以衷心的感谢!