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怎么安装LaTex

小玩通
微信公众号同名。

781 人赞同了该文章

微信公众号同知乎名：**小玩通**。这里只有干货。

我去，这篇文章帮助了这么多人安装LaTex，开熏。

今天的方法仅适用于：windows系统

由于LaTex的版本众多，（虽然网上教程很多，但是我们要一次成功只能擦亮眼睛）而且LaTex支持中文其实并不容易，不相信的可以自己尝试。

18年美赛建模准备期间，我用了好久才真正把Latex支持英文的版本装上

。（菜的人各有各的菜法）因为版本太多，我们装的稍微不对，就可能存在缺陷。

其实装LaTex最大的问题在于怎么支持中文版本。（写这篇文章过程我重装了一遍LaTex，所以大可不必担心）

今天，我们就来把适合我们的LaTex版本的安装方法搞定。

安装最新的Texlive

官方网站：tug.org/texlive/

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system with binaries for most flavors of Unix, including GNU/Linux, macOS, and also Windows. It includes all the major TeX-related programs, macro packages, and fonts that are free software, including support for many languages around the world. Many operating systems provide it via their own distributions.

- **How to acquire TeX Live:** download, on DVD, other methods.
- Quick install for Unix; installation and release notes for Windows; for MacOSX, see the MacTeX distribution.
- Documentation.
- Contact and mailing lists.
- Known issues and highlights of changes in the current release (details for LuaTeX, pdfTeX, XeTeX).

- Portable (USB and DVD) usage of TeX Live.
- Installing/updating packages after installation and full upgrade from previous years.

- TeX Live licensing, and integration with operating system distributions.
- Development source repository, and building the sources.
- How you can help.

- Current release: TeX Live 2019 is available over the Internet and on DVD. It was released on 29 April 2019, and ongoing updates are available.

Some starting points for actually using TeX are in this introduction to the TeX world.

By the way, if you don't care for TeX Live's setup for whatever reason, the major (free software) alternative is MiKTeX, which runs on GNU/Linux, macOS, and Windows.

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TeX Live on DVD

To obtain TeX Live on DVD, the best way is to become a member of TUG or another TeX user group. Please join whichever group is best for you. We need your support.

The TeX Collection DVD, which includes TeX Live, is distributed as a benefit of membership to TUG members each year. By joining TUG, you'll also receive a year of TUGboat, among other things.

Alternatively, you can purchase the TeX Collection DVD or any of the other items from the TUG store, without becoming a member.

After mounting the DVD on your computer, follow the installation instructions or read the documentation. Binaries for some less-common platforms are omitted from the DVD to save space (but are available normally in a network install).

If you want to update packages from CTAN after installation (this is not required, or even necessarily recommended), see these examples of using tlmgr.

Sources: the DVD includes the complete sources in the `texlive/source` directory, corresponding to Master/source in the repository.

Information about downloading the TeX Live ISO image and burning your own DVD is available separately, as well as other ways to acquire TeX Live.

$Date: 2019/08/07 22:39:53 $; TeX Live;
TUG home page; webmaster; facebook; twitter; [_____] [Search tug.org] (via DuckDuckGo)

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Our huge ISO image. It is over 2GB (md5, sha512 checksums, sha512 signature;). You can:

- download from a nearby CTAN mirror; or
- manually choose from the mirror list; or
- retrieve it via the torrent network.

If you want to mount the image to make the contents available for installation or browsing, a typical invocation on Unix is:
```
mount -t iso9660 -o ro,loop,noauto /your/texlive.iso /mnt
```
On Windows, you'll need third-party tools such as WinCDEmu, daemon-tools, and/or Magic ISO.

After mounting the image, to install TeX Live, follow the installation instructions or read the documentation.

The ISO image is not updated after release, so that it can serve as a stable marker in TeX development and to correspond to the DVD sent to TeX user group members.

Sources: the ISO includes the complete sources in the `source/` subdirectory, corresponding to Master/source in the repository.

Acquiring the ISO using the torrent network

The ISO image is also available as a torrent.

Please, after downloading the full torrent, keep the torrent client running for some time to seed the files so that the files get better distributed.

Information about other ways to acquire TeX Live is available separately.

3

Index of /CTAN/systems/texlive/Images

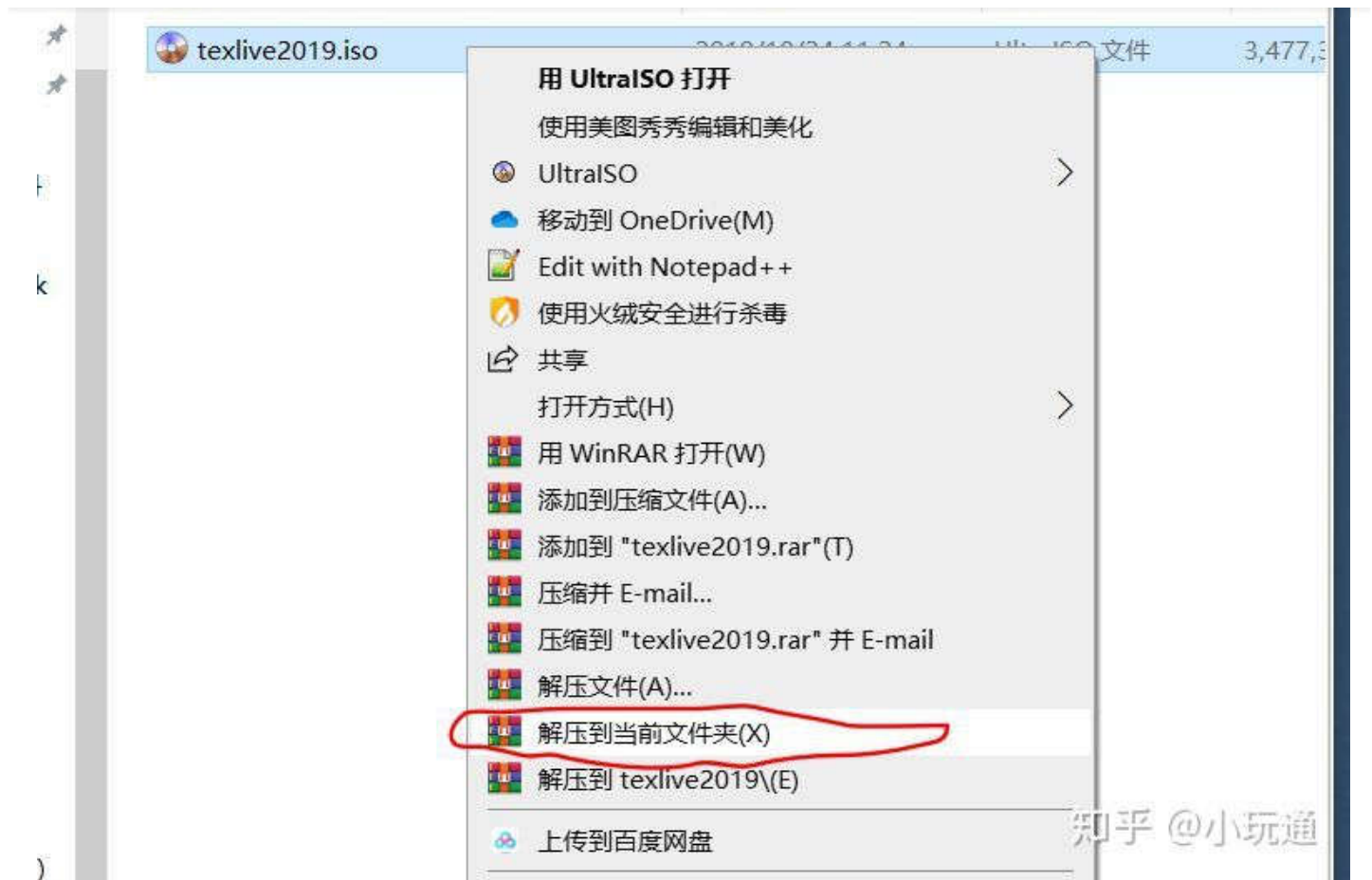| Name	Last modified	Size	Description
Parent Directory		-	
README.md	2020-04-10 10:03	1.1K	
texlive.iso	2020-04-07 01:39	3.7G	
texlive2020-20200406..>	2020-04-07 01:39	3.7G	
texlive2020-20200406..>	2020-04-07 01:40	59	
texlive2020-20200406..>	2020-04-07 01:40	155	
texlive2020-20200406..>	2020-04-07 01:40	455	
texlive2020.iso	2020-04-07 01:39	3.7G	
texlive2020.iso.md5	2020-04-07 01:40	50	
texlive2020.iso.sha512	2020-04-07 01:40	146	
texlive2020.iso.sha5..>	2020-04-07 01:40	455	

耐心等待下载，待下载完成之后，解压文件

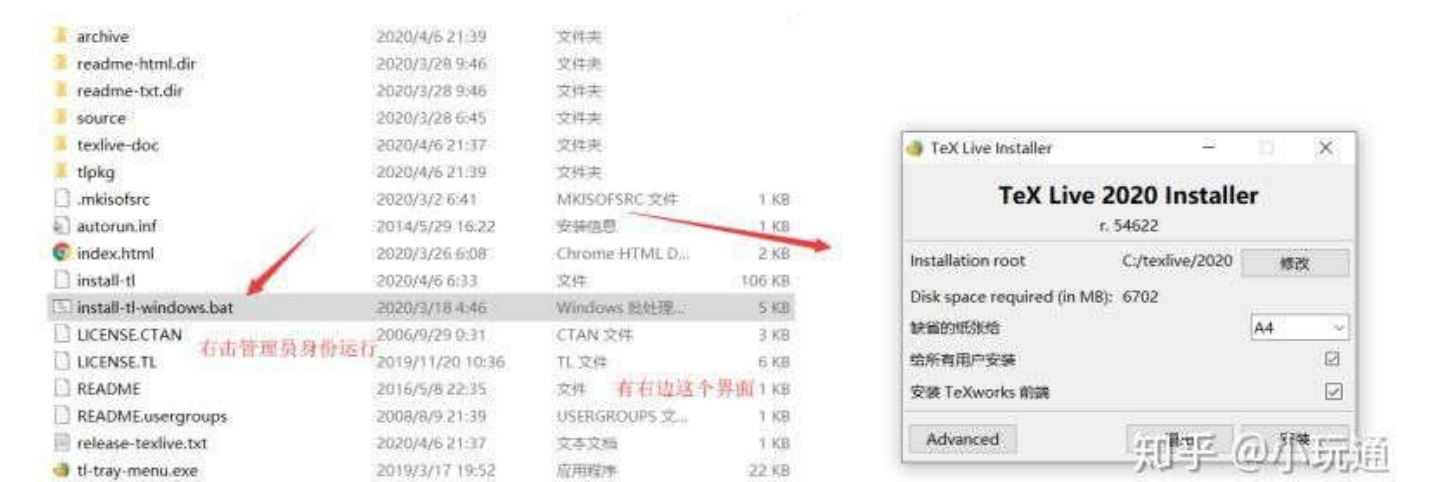*注意：这里下载的这个iso文件最好放在英文路径下*

ps：2019版本的是以前的，解压缩就懒得换图了

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5.解压下载完成的文件
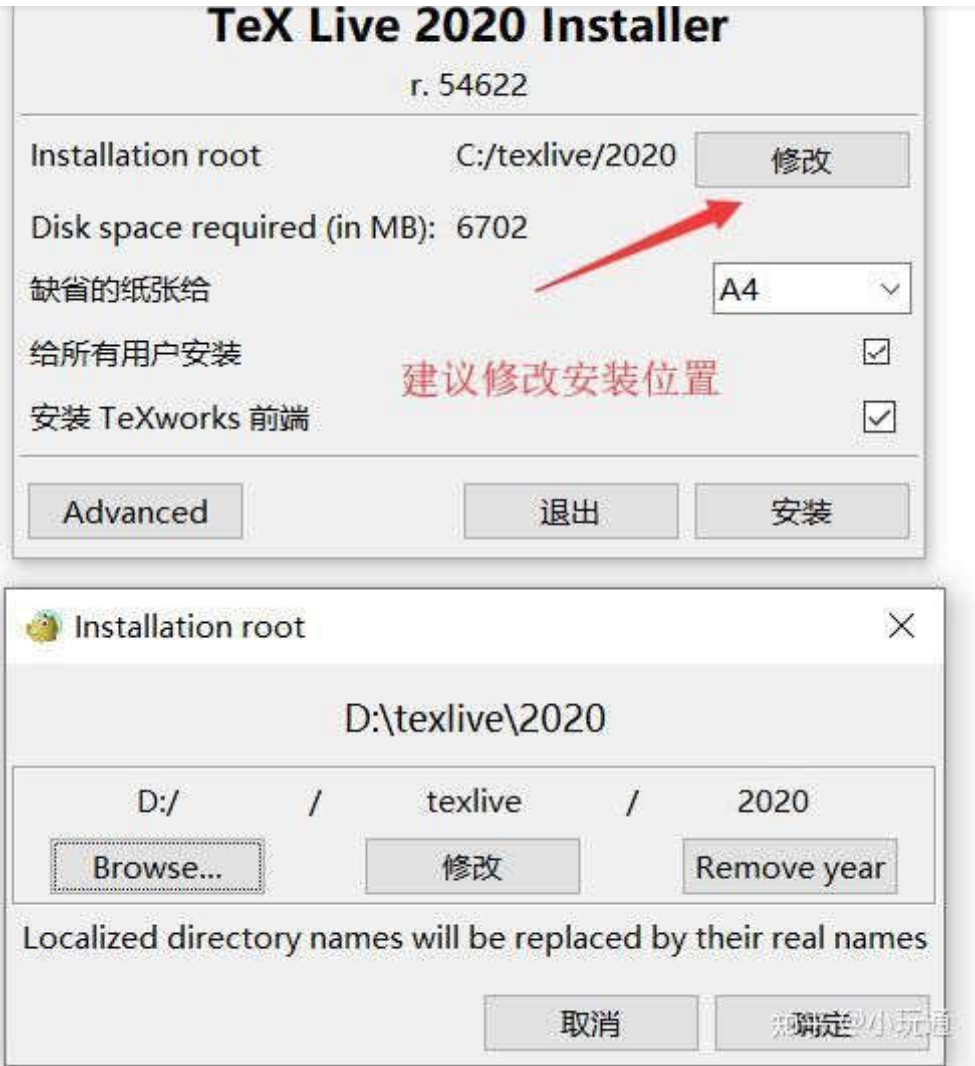

6.管理身份运行

这里的路径一定是英文的，不要出现中文以及符号
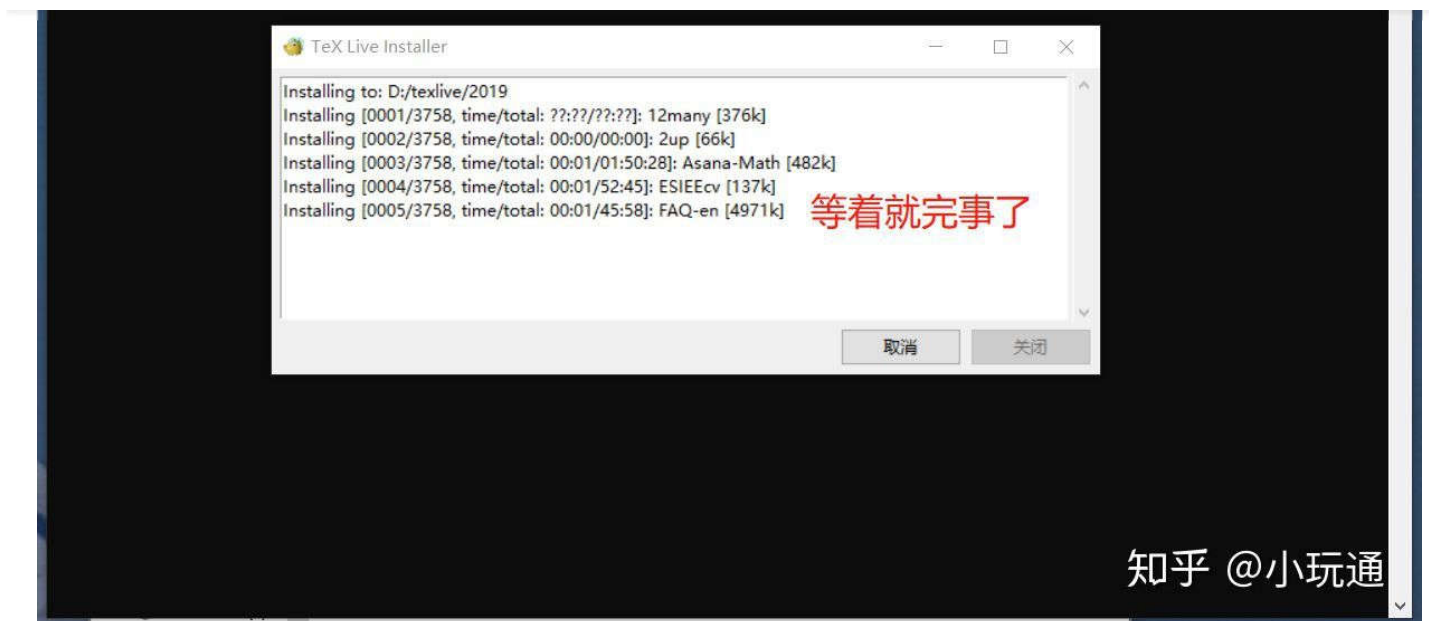
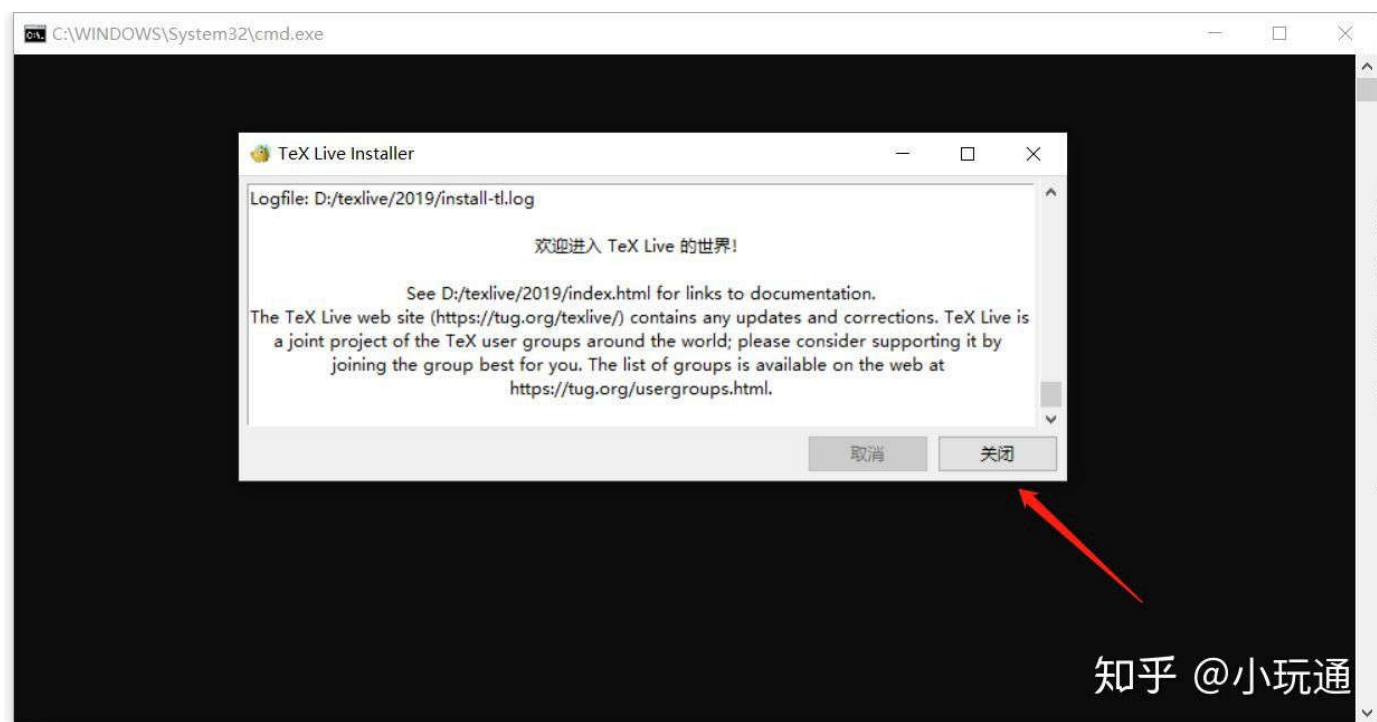**ps：最高别装在c盘，不然以后c盘空间不够了不好整**

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7.修改路径

安装时间随着电脑配置不同而不同，耐心等着就好了

8.耐心等待

出现下面的界面就证明安装完成了
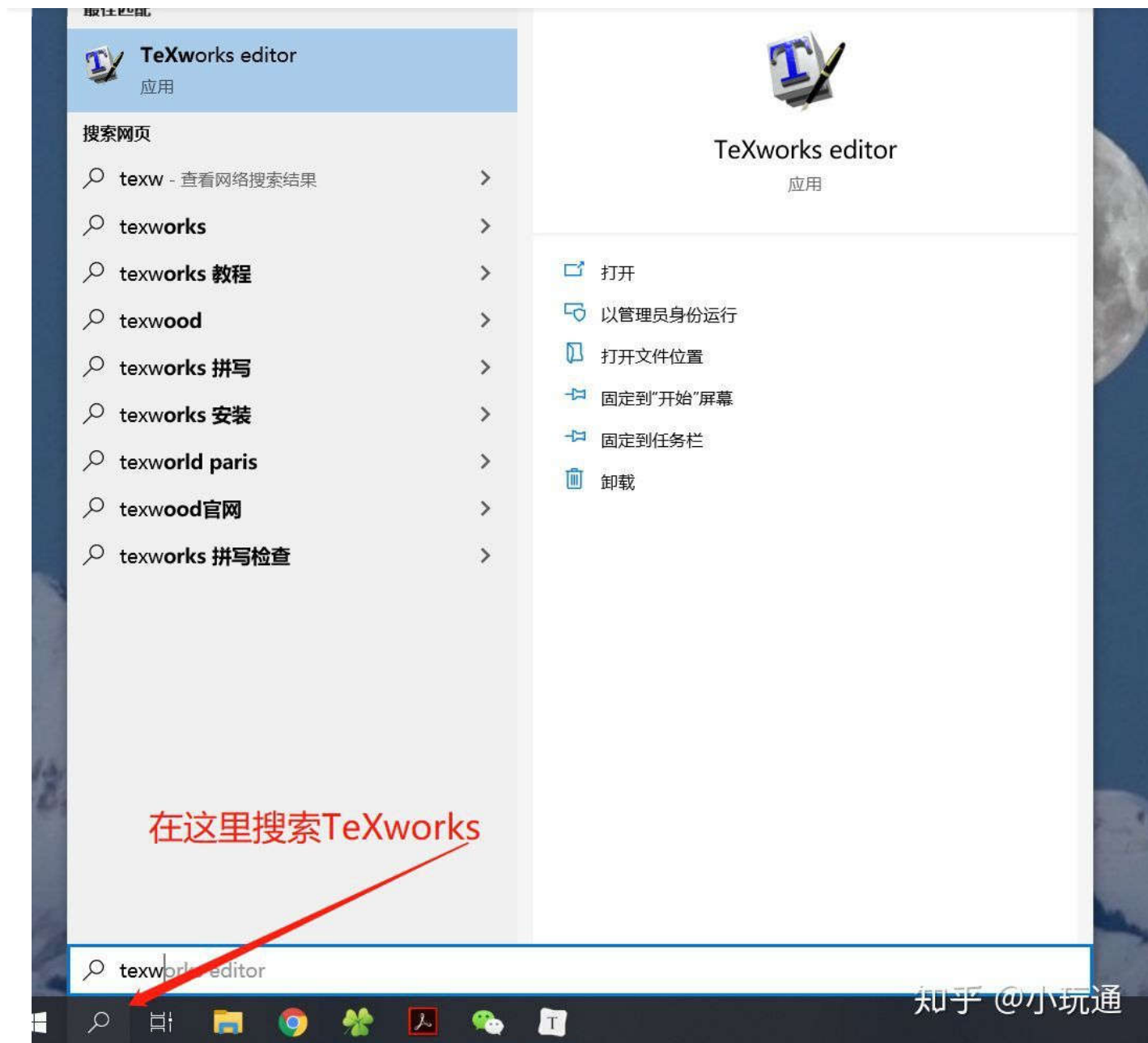

完成

下面进行测试

1.找到应用程序并且打开

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找到软件

2.输入下面代码

\documentclass[UTF8]{ctexart}

\begin{document}

\section{中文} 中文论文排版测试，还不错。

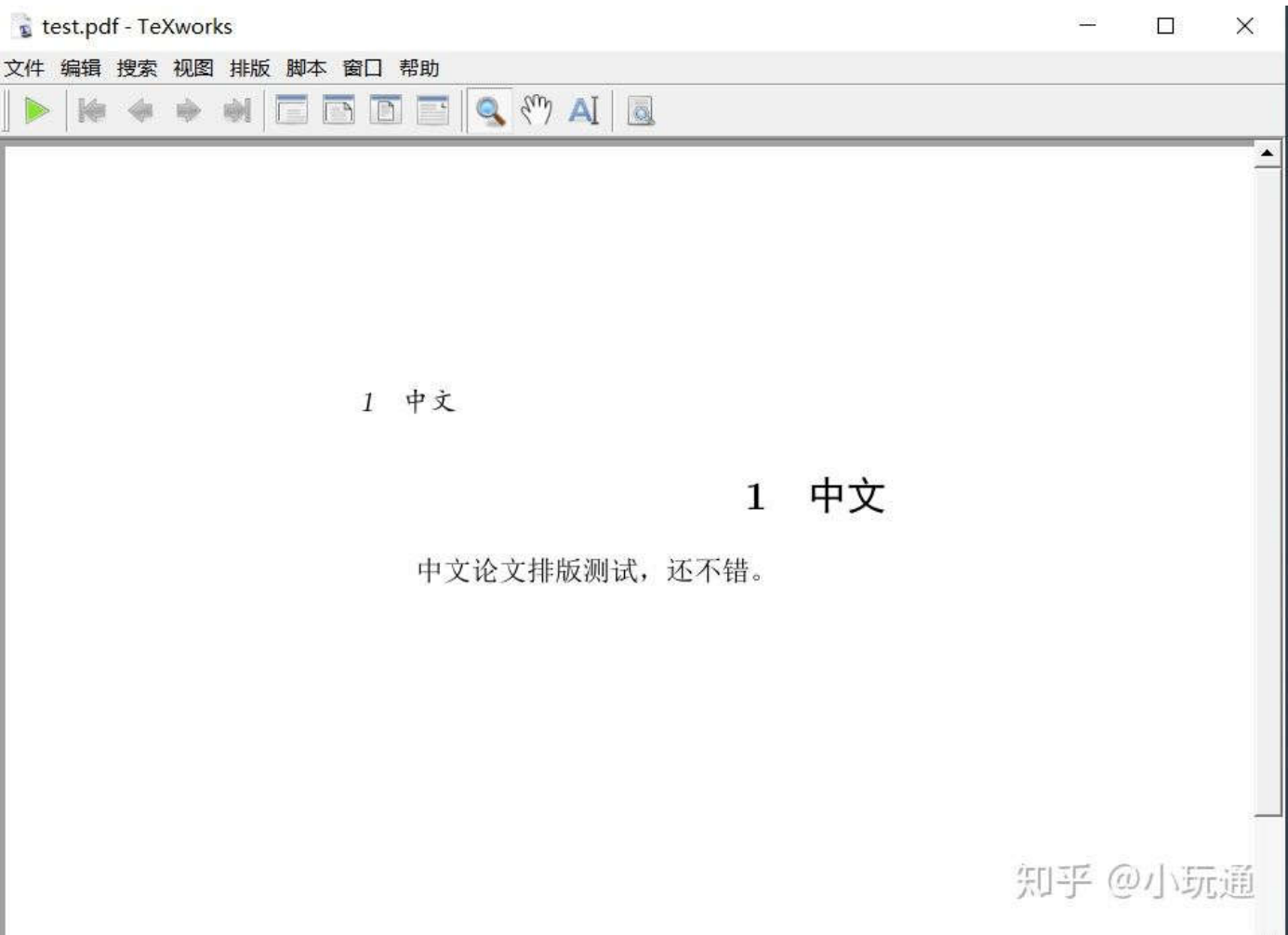*\end{document}*

注意：如果是第一次用此软件，上面的这几行代码一定要复制粘贴进去，避免出错。

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然后选择：XeLaTex，点击左边的小绿色三角按钮

测试

接着就自动弹出编译后的结果了

大功告成

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真良心。

这里也无需下载其他的编译软件了，自带的Texworks也是特别好用。

另外，安装包在装完软件之后都是没有用的了，包括这个镜像文件解压出来的东西也可以删除了。（除非留着以防拷给身边朋友）

能装上一般就没啥问题了，更多问题记得问百度，2333我也是入个门，只会用模板（手动滑稽）。

有用的话点一波赞啊～

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LaTeX   软件安装   毕业论文

▲ 赞同 781   ▼   💬 248 条评论   ✈ 分享   ★ 收藏   ⋯

推荐阅读

想要个病人打成一片，你需要了解他们的喜好!

戏精护士

UESTC 本科Latex毕设论文模板 无痛上手指南

王谭

成分越多

陈伟东

248 条评论   ⇄ 切换为时间排序

写下你的评论...