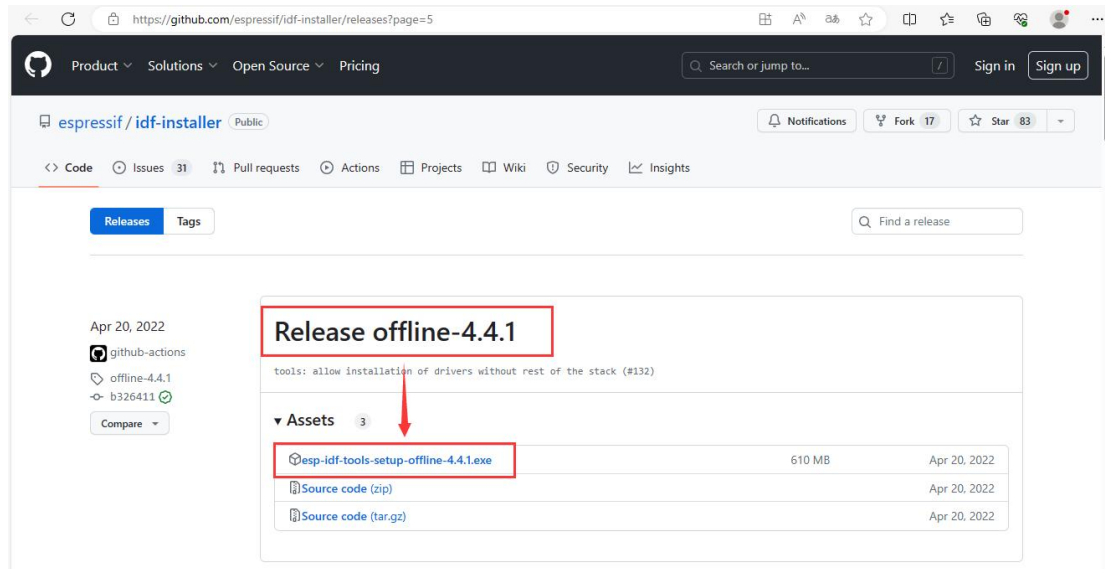


The ESP-IDF installation tutorial

Download version 4.4.1:

<https://github.com/espressif/idf-installer/releases?page=5>



选择安装语言



选择安装时要使用的语言。

English



确定

取消

License Agreement

Please read the following important information before continuing.



Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

This installer incorporates the following software programs licensed under the terms of GNU General Public License Version 2

- GNU Compiler Collection (GCC)
- GNU development tools ("binutils")
- GNU Debugger ("gdb")
- OpenOCD
- KConfig Frontends

Text of this license is included below.

Source code for these programs can be obtained from the following URLs:

- ☒ I accept the agreement
- ☐ I do not accept the agreement

Next

Cancel

Pre-installation system check

Verification of environment



```
* Starting system check ...
* Windows version: 10.00.19044 [OK]
* Checking "Long Paths Enabled" in Windows registry [OK]
* Active code page:
* Detected antivirus: 鑑捐 盤佃割緩" 緋葦粹関又始, Windows Defender
* Check complete.
```

Stop

Apply Fixes

Full log

Back

Next

Cancel

Setup - ESP-IDF Tools Offline 4.4.1



Select Destination Location

Where should ESP-IDF Tools Offline be installed?



Setup will install ESP-IDF Tools Offline into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

D:\ESP-IDF\Esspressif

Browse...

At least 10.3 MB of free disk space is required.

Back

Next

Cancel

Setup - ESP-IDF Tools Offline 4.4.1



Select Components

Which components should be installed?



Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

Full installation	
<input checked="" type="checkbox"/> Frameworks	749.9 MB
<input checked="" type="checkbox"/> ESP-IDF v4.4.1	535.5 MB
<input checked="" type="checkbox"/> Development integrations	
<input checked="" type="checkbox"/> PowerShell	
<input checked="" type="checkbox"/> Windows Terminal Dropdown Menu	
<input checked="" type="checkbox"/> Desktop shortcut	
<input checked="" type="checkbox"/> Start Menu shortcut	
<input checked="" type="checkbox"/> Command Prompt	
<input checked="" type="checkbox"/> Desktop shortcut	
<input checked="" type="checkbox"/> Start Menu shortcut	
<input checked="" type="checkbox"/> Drivers - Requires elevation of privileges	
<input checked="" type="checkbox"/> Espressif - WinUSB support for JTAG (ESP32-C3/S3)	
<input checked="" type="checkbox"/> FTDI Chip - Virtual COM Port for USB (WROVER, WROOM)	

Current selection requires at least 2.38 GB of disk space.

Back

Next

Cancel

Setup - ESP-IDF Tools Offline 4.4.1



Ready to Install

Setup is now ready to begin installing ESP-IDF Tools Offline on your computer.



Click Install to continue with the installation, or click Back if you want to review or change any settings.

```
Using Embedded Python 3.8.7

Using Embedded Git :
  D:\ESP-IDF\Espressif\tools\idf-git\2.34.2\cmd\git.exe

Will install ESP-IDF 4.4.1 into:
  D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1

IDF tools directory (IDF_TOOLS_PATH):
  D:\ESP-IDF\Espressif

Components:
Drivers: FTDI Silicon Labs Espressif
Targets: ESP32 ESP32-C3 ESP32-S2 ESP32-S3
Optimization:
```

Back

Install

Cancel

Setup - ESP-IDF Tools Offline 4.4.1

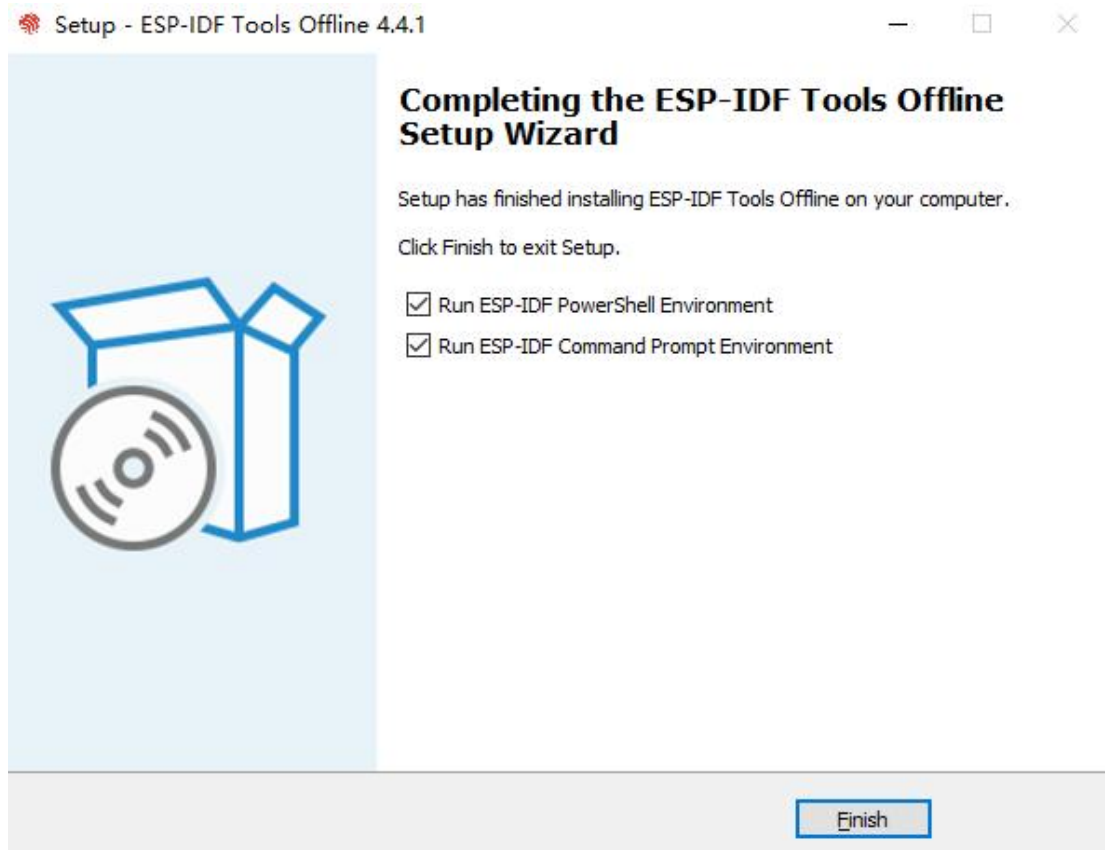


Installing Python environment



```
Successfully built esp-windows-curses
Installing collected packages: six, MarkupSafe, colorama, Werkzeug, urllib3, python-engineio,
pyparser, Jinja2, itsdangerous, idna, click, charset-normalizer, certifi, requests, python-socketio,
greenlet, Flask, contextlib2, cffi, brotli, windows-curses, tqdm, semantic-version, schema, requests-
toolbelt, pyyaml, Pygments, pygdbmi, event, future, Flask-SocketIO, Flask-Compress, reedsolo,
pyserial, pyparsing, pyelftools, kconfiglib, idf-component-manager, gdbgui, esp-windows-curses,
ecdsa, cryptography, construct, bitstring
|
```

Cancel



The following information indicates that the installation is successful

```
ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\idf_cmd_init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52
Python 3.8.7
Using Git in D:\ESP-IDF\Espressif\tools\idf-git\2.34.2\cmd\
git version 2.34.1.windows.1
Setting IDF_PATH: D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1
Adding ESP-IDF tools to PATH...
D:\ESP-IDF\Espressif\tools\xtensa-esp32-elf\esp-2021r2-patch3-8.4.0\xtensa-esp32-elf\bin
D:\ESP-IDF\Espressif\tools\xtensa-esp32s2-elf\esp-2021r2-patch3-8.4.0\xtensa-esp32s2-elf\bin
D:\ESP-IDF\Espressif\tools\xtensa-esp32s3-elf\esp-2021r2-patch3-8.4.0\xtensa-esp32s3-elf\bin
D:\ESP-IDF\Espressif\tools\riscv32-esp-elf\esp-2021r2-patch3-8.4.0\riscv32-esp-elf\bin
D:\ESP-IDF\Espressif\tools\esp32ulp-elf\2.28.51-esp-20191205\esp32ulp-elf-binutils\bin
D:\ESP-IDF\Espressif\tools\esp32s2ulp-elf\2.28.51-esp-20191205\esp32s2ulp-elf-binutils\bin
D:\ESP-IDF\Espressif\tools\cmake\3.20.3\bin
D:\ESP-IDF\Espressif\tools\openocd-esp32\v0.11.0-esp32-20211220\openocd-esp32\bin
D:\ESP-IDF\Espressif\tools\ninja\1.10.2\
D:\ESP-IDF\Espressif\tools\idf-exe\1.0.3\
D:\ESP-IDF\Espressif\tools\ccache\4.3\ccache-4.3-windows-64
D:\ESP-IDF\Espressif\tools\dfu-util\0.9\dfu-util-0.9-win64
D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1\tools
Checking if Python packages are up to date...
Python requirements from D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1\requirements.txt are satisfied.
Done! You can now compile ESP-IDF projects.
Go to the project directory and run:
idf.py build
D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1>
```