Can't install pytorch with pip on Windows

Asked 2 years, 1 month ago   Active 2 months ago   Viewed 31k times

▲

23

▼

🔖

1

🕒

I'm trying to install Pytorch with Windows and I'm using the commands of the official site
https://pytorch.org/get-started/locally/

```
pip3 install torch==1.2.0 torchvision==0.4.0 -f
https://download.pytorch.org/whl/torch_stable.html
```

This is the command if I choose Windows, Cuda 10.0, and Python 3.7 But if I run this I get the error message:

```
ERROR: Could not find a version that satisfies the requirement torch==1.2.0 (from
versions: 0.1.2, 0.1.2.post1, 0.1.2.post2)
ERROR: No matching distribution found for torch==1.2.0
```

So why does this happen? My pip is version 19.2 and I am in a newly installed python 3.7 environment

python   python-3.x   pytorch   python-3.7   Edit tags

Share   Edit   Follow   Close   Flag   Protect

asked Aug 14 '19 at 16:54

relot
553   1   3   13

▲
🚩

I am new in python and was struggling with it. I found Anaconda very useful. Just installed it and then install any library that I want from Anaconda navigator. It is available for all OS.
docs.anaconda.com/anaconda/install/windows – user11475741 Aug 15 '19 at 10:25 ✎

15 Answers

Active	Oldest	Votes

▲

0

▼

🕒

You will find the correct code to run on the PyTorch website.

There, you can choose your OS, platform, pip, conda and other customisation. For example, the code to install the PyTorch package on Windows using pip and the CUDA 10.2 platform is (without the quotes:

"pip3 install torch==1.9.0+cu102 torchvision==0.10.0+cu102 torchaudio===0.9.0 -f
https://download.pytorch.org/whl/torch_stable.html"

Share   Edit   Follow   Flag

answered Jul 8 at 21:19

Amaks
45   1   4

it's because your python version is 32bit while you're trying to download a 64bit version of Pytorch, navigate to pytorch whl page and choose an appreciate version of Pytorch or reinstall python from the official Python page to a 64bit version

0

Share Edit Follow Flag

answered Dec 21 '20 at 13:55

Ali.M.Kamel
165   13

1

Go here https://pytorch.org/get-started/previous-versions/ and find the appropriate command for the version you want.

But first it is best to create an virtual environment with the right version of python

```
conda create -n you_env_name python=?.?.?
```

Then activate the environment

```
conda activate your_env_name
```

Share Edit Follow Flag

answered Nov 12 '20 at 13:55

Anthony
423   4   7

0

try the following in your IDE command prompt then restart the IDE:

```
conda install pytorch -c pytorch
```

Share Edit Follow Flag

answered Sep 9 '20 at 8:48

R2D2
51   1   7

-3

PyTorch is now torch.

```python
import torch
print(help("torch"))
```

Share Edit Follow Flag   edited Sep 7 '20 at 21:09

answered Sep 7 '20 at 20:49

R2D2
51   1   7

This answer does not address the question. – Fanchen Bao Sep 7 '20 at 23:18

⊘ This post is hidden. It was [deleted](#) last year by [Bhargav Rao](#) ♦.

-1

go to the following website: visit [How to Install PyTorch on Windows Step by Step](#) [https://medium.com/@bryant.kou/how-to-install-pytorch-on-windows-step-by-step-cc4d004adb2a](#)

Share   Edit   Follow   Flag

answered Sep 7 '20 at 19:13

[R2D2](#)
51   1   7

Comments disabled on deleted / locked posts / reviews

I tried multiple solutions and it wasn't working on Windows 10 until I tried this:

23

```
pip install torch==1.5.0+cpu -f https://download.pytorch.org/whl/torch_stable.html
```

If you want your GPU enabled then remove the "+CPU":

```
pip install torch==1.5.0 -f https://download.pytorch.org/whl/torch_stable.html
```

Share   Edit   Follow   Flag

[edited Jul 18 '20 at 13:56](#)
[dippas](#)
50.3k   15   97   108

answered Jul 18 '20 at 13:25
[Raj Desai](#)
231   2   2

---

2 ▲ Perfect this solved the install issue for me in Python 3.8 – [Jortega](#) Jul 27 '20 at 23:50
  ⚑

7 ▲ It does not work for me I get `ERROR: Could not find a version that satisfies the`
  ⚑ `requirement torch==1.5.0+cpu (from versions: 0.1.2, 0.1.2.post1, 0.1.2.post2) ERROR: No`
     `matching distribution found for torch==1.5.0+cpu` – [Quinten Cabo](#) Nov 22 '20 at 16:26

  ▲ @QuintenCabo did you ever solve it? I also couldnt get this to work... thanks! – [yishairasowsky](#) Sep
  ⚑ 19 at 19:01

  ▲ @yishairasowsky It seemed to be the version of python 32 bit instead of 64 bit. But trying to install
  ⚑ it with Conda instead will probably also work better. – [Quinten Cabo](#) yesterday

  ▲ @QuintenCabo I have 64, and I have tried miniconda. still fails... – [yishairasowsky](#) 32 mins ago
  ⚑

The most likely reason for Your issue is a 32-bit installation of python, while the torch libraries rely on having a 64-bit version. I had exactly the same issue.

1

Just start python from command line and observe

C:\Users\marci>python Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32 My installation now shows 64 bits. If Yours shows 32, then

install 64-bit python. I used this link: Official python 64-bit Windows installer

it is the best answer

Share Edit Follow Flag

answered Jul 11 '20 at 18:31

Islam Mesbah
21   2

```
pip install torch==1.2.0+cpu torchvision==0.4.0+cpu -f
```
https://download.pytorch.org/whl/torch_stable.html

4

Please use this, worked out for me.

Share Edit Follow Flag

edited May 7 '20 at 18:09   answered May 7 '20 at 11:21

Ophir Carmi   user11242394
2,021 1   20   38   **41**   2

🚫 **This post is hidden**. It was underlineddeleted last year by the post author.

0

To leverage the given answers, on PyTorch's website you can find a command generator for different package managers e.g. `pip` that installs all necessary site-packages if necessary.

START LOCALLY

Select your preferences and run the install command. Stable represents the most currently tested and supported version of PyTorch. This should be suitable for many users. Preview is available if you want the latest, not fully tested and supported, 1.5 builds that are generated nightly. Please ensure that you have **met the prerequisites below (e.g., numpy)**, depending on your package manager. Anaconda is our recommended package manager since it installs all dependencies. You can also install previous versions of PyTorch. Note that LibTorch is only available for C++.

PyTorch Build	Stable (1.4)		Preview (Nightly)	
Your OS	Linux	Mac	Windows	
Package	Conda	Pip	LibTorch	Source
Language	Python		C++ / Java	
CUDA	9.2	10.1	None	
Run this Command:	`pip install torch==1.4.0+cpu torchvision==0.5.0+cpu -f https://download.pytorch.org/whl/torch_stable.html`			

Share Edit Follow Flag

answered Feb 7 '20 at 14:44

Maeaex1
501   3   22

Comments disabled on deleted / locked posts / reviews

7

I had the same issue, and what I noticed is that I was using Python 3.8.1 and the latest PyTorch was for Python 3.7.

I uninstalled Python 3.8.1 and installed 3.7.6 and voila, it worked!

Not sure if this is your case, but it helped me.

Share Edit Follow Flag

answered Jan 7 '20 at 23:31

AroMorin
71 1 4

> torch 1.5.0 installs fine with python 3.8.3 in Ubuntu, but not in Windows 10. Even with python 3.7 torch 1.5.0 does not install on Win 10. – arun Jul 24 '20 at 20:20 ✏️

1

🚫 **This answer is hidden**. This answer was deleted and converted to a comment 2 years ago by Bhargav Rao ♦.

I am new in python and was struggling with it. I found Anaconda very useful. Just installed it and then install any library that I want from Anaconda navigator. It is available for all OS. https://docs.anaconda.com/anaconda/install/windows/

Share Edit Follow Flag

edited Sep 3 '19 at 10:48

Sergey Antopolskiy
3,042 2 18 33

answered Aug 15 '19 at 10:25

user11475741

Comments disabled on deleted / locked posts / reviews

20

The most likely reason for Your issue is a 32-bit installation of python, while the torch libraries rely on having a 64-bit version. I had exactly the same issue.

Just start `python` from command line and observe

✔️
```
C:\Users\marci>python
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 20:34:20) [MSC v.1916 64 bit
(AMD64)] on win32
```

My installation now shows 64 bits. If Yours shows 32, then install 64-bit python. I used this link:
Official python 64-bit Windows installer

Share Edit Follow Flag

answered Aug 20 '19 at 0:17

Marcin Gałczyński
560 3 10

So you have Cuda 10 installed? If you do, try this:

7

```
pip3 install https://download.pytorch.org/whl/cu100/torch-1.2.0-cp37-cp37m-
win_amd64.whl
```

followed by:

```
pip3 install torchvision
```

To check if it was installed properly, type this into your command line:

```
python
```

followed by:

```python
from __future__ import print_function
import torch
x = torch.rand(5, 3)
print(x)
```

If you get this output:

```
tensor([[0.3380, 0.3845, 0.3217],
        [0.8337, 0.9050, 0.2650],
        [0.2979, 0.7141, 0.9069],
        [0.1449, 0.1132, 0.1375],
        [0.4675, 0.3947, 0.1426]])
```

PyTorch was installed correctly!

Share Edit Follow Flag   edited Aug 14 '19 at 17:34   answered Aug 14 '19 at 17:18

DjoleRkc
125 7

1 ▲ pytorch binaries (e.g. wheel, conda) come prepackaged with cuda so you shouldn't even need cuda
   ⚑ installed on the system unless you build from source. – jodag Aug 14 '19 at 20:25 ✎

      ▲ This answer is incorrect. The definitive way to determine if cuda is working is
      ⚑ torch.cuda.is_available(). If it does not return True your code cannot use the GPU, but the above will
         look exactly the same. – theoden Dec 19 '19 at 17:32

▲

1

▼

Try installing via .whl file from Christoph Gohlke's repo at this link:
https://www.lfd.uci.edu/~gohlke/pythonlibs/

Make sure you get the right one for your python version (cp37 at the bottom).

Navigate to the file or save it to your working directory, then use

pip3 install *path-to-file.whl*

Link to .whl file on page

Share Edit Follow Flag

answered Aug 14 '19 at 17:01

Kartograaf
143 7

This doesn't contain torch 1.2 and also not Cuda 10.0 – relot Aug 14 '19 at 17:05

Do you need that version of pytorch? (1.2) Might be easier to install an earlier version that has binaries built for windows. Unfortunately, this happens pretty frequently when using python via windows. Another option is using anaconda. – Kartograaf Aug 14 '19 at 17:17