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# How to Install Python 2.7.13 on CentOS/RHEL 7/6 and Fedora

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Last Updated: Jan 19, 2017



Today, I was trying to [install](#) an application on my CentOS 6.6 system which required Python  $\geq 2.7$ , but there are Python 2.6 installed, which we can't remove as other applications depend on it. This tutorial will help you to install Python 2.7 without removing older versions.



₹48,10



₹33,03



₹127,43 ~~₹145,69~~

Hensihu

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## Step 1: Install GCC

Firstly make sure that you have gcc package installed on your system. Use following command to install gcc if you don't have it installed.

```
yum install gcc
```

## Step 2: Download Python 2.7

Download Python using following command from python official site. You can also download latest version in place of specified below.

```
# cd /usr/src
# wget https://www.python.org/ftp/python/2.7.13
```

## Step 3: Extract Archive and Compile

Use below set of commands to extract Python source code and compile it on your system using altinstall.

```
# tar xzf Python-2.7.13.tgz
# cd Python-2.7.13
# ./configure
# make altinstall
```

**make altinstall** is used to prevent replacing the default python binary file /usr/bin/python.

## Step 4: Check the Python Version

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Check the latest version installed of python using below command

```
# python2.7 -V
```

```
Python 2.7.13
```

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RAHUL K.



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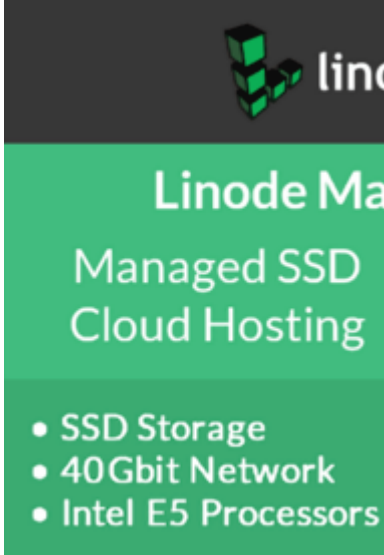
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November 2, 2016 at 7:07 pm

make altinstall command is failing with the following message:

ake: \*\*\* No rule to make target 'altinstall'. Stop

**D JAFFE** **REPLY TO ED**

me 5, 2016 at 5:14 am

.stalled like a charm on an IBM Mainframe. Thanks!

**JCHEANG** **REPLY TO JCHEANG**

May 17, 2016 at 7:30 am

Hi,

This works perfectly.

Could you show how to install pyodbc to this python2.7 altinstall dir?

By default running the pyodbc rpm, it gets install to the python 2.6 dir.

Please advise. thanks.

**AVINASH** **REPLY TO AVINASH**

April 5, 2016 at 4:01 pm

works gr8

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ME\*anks.

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How did you do this? I did the same thing and would like to get back to the original situation?

Thanks!

⬅️ **REPLY TO RJ**



Great article! Easy to read and does what it supposed to do. I tried it on Centos6.6

**DOUBLENAIN**

© 2017 [TecAdmin.net](https://tecadmin.net).  
May 29, 2015 at 8:54 am

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