**Commands and setup instruction for mysqlclient in django using ubuntu 20.04**

***[Note: Follow commands one by one in terminal]***

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1. **Install python3.6 in ubuntu 20.04**

sudo add-apt-repository ppa:deadsnakes/ppa

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sudo apt-get update

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sudo apt-get install python3.6

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sudo update-alternatives --install /usr/bin/python python /usr/bin/python3.6 1

sudo update-alternatives --install /usr/bin/python python /usr/bin/python3.8 2

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sudo update-alternatives --config python

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1. **Install a virtual environment in Ubuntu and create a venv for django and activate venv.**

sudo apt-get install python3.6-venv

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python3.6 -m venv env

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pip install django==2.2

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source env/bin/activate

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1. **Install django, create application and runserver:**

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pip install django==2.2

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django-admin startproject Test\_Project

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python manage.py runserver

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1. **Change database settings in settings.py**

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DATABASES = {

'default': {

'ENGINE': 'django.db.backends.mysql',

'NAME': 'db\_name',

'HOST': 'localhost',

'PORT': '3306',

'USER': 'db\_user',

'PASSWORD': 'db\_password',

}

}

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1. **Install mysqlclient in venv using command as:**

pip install mysqlclient

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***[Note: If error occurred while installing mysqlclient give command in new terminal as:]***

sudo apt-get install python3 python3-dev python3-pip libxml2-dev libxslt1-dev zlib1g-dev libffi-dev libssl-dev

Also Run:

sudo apt install libmysqlclient-dev

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After this again try to give command as in No. ‘5’ your error will be solved.

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