





```
> sudo docker pull microsoft/mssql-server-linux:2017-latest
```

```
> docker run -e 'ACCEPT_EULA=Y' -e  
'SA_PASSWORD=yourStrong(!)Password' -p 1433:1433 -d microsoft/  
mssql-server-linux
```



Last login: Wed Nov 1 12:59:21 on ttys001

[Allens-MacBook-Pro:~ devpeep\$ cd Development/

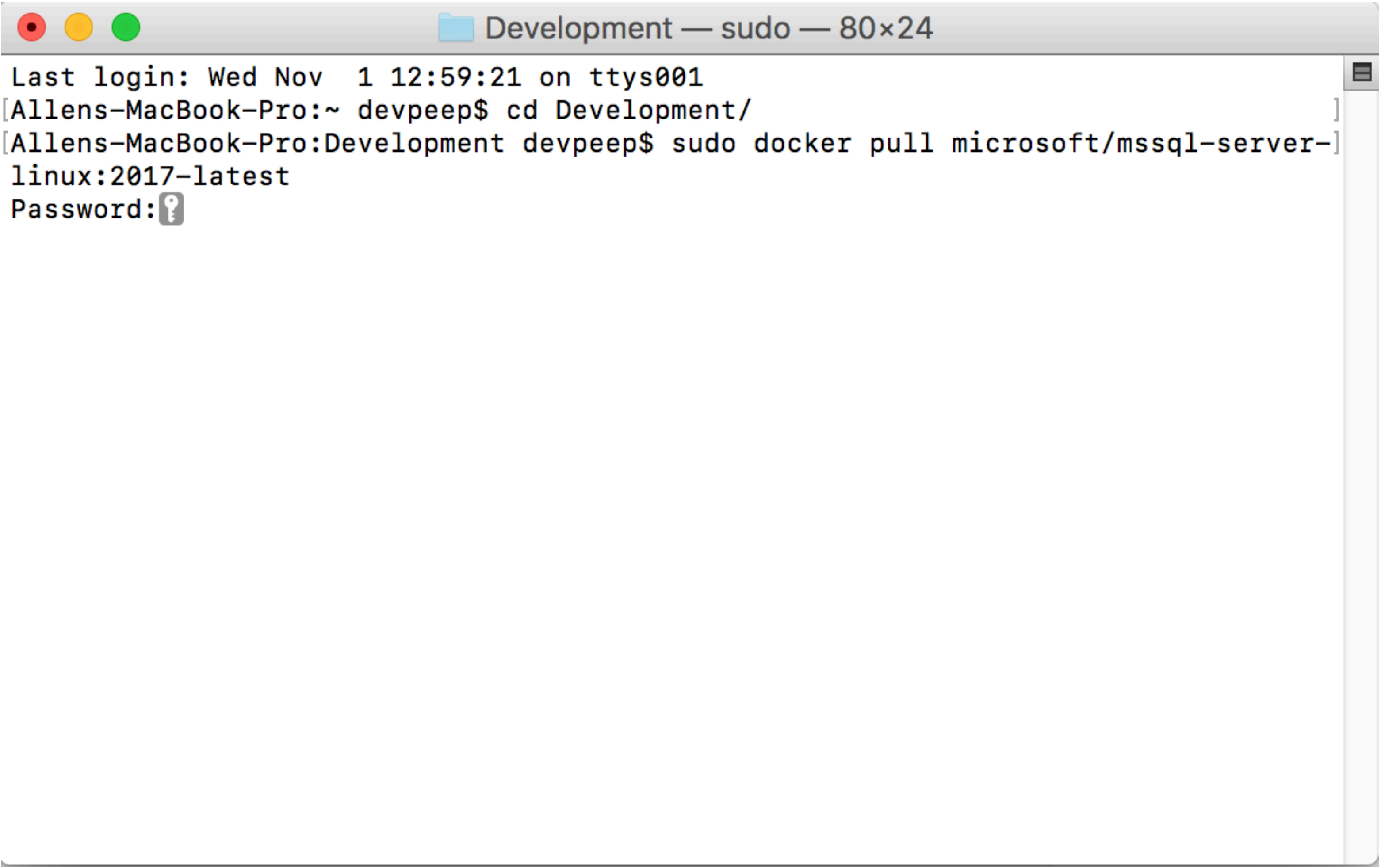
Allens-MacBook-Pro:Development devpeep\$ █



Last login: Wed Nov 1 12:59:21 on ttys001

[Allens-MacBook-Pro:~ devpeep\$ cd Development/]


Allens-MacBook-Pro:Development devpeep\$ sudo docker pull microsoft/mssql-server-linux:2017-latest



Last login: Wed Nov 1 12:59:21 on ttys001

[Allens-MacBook-Pro:~ devpeep\$ cd Development/

[Allens-MacBook-Pro:Development devpeep\$ sudo docker pull microsoft/mssql-server-  
linux:2017-latest

Password: 



```
Last login: Wed Nov  1 12:59:21 on ttys001
[Allens-MacBook-Pro:~ devpeep$ cd Development/
[Allens-MacBook-Pro:Development devpeep$ sudo docker pull microsoft/mssql-server-
linux:2017-latest
Password:
2017-latest: Pulling from microsoft/mssql-server-linux
f6fa9a861b90: Extracting 13.76MB/46.41MB
da7318603015: Download complete
6a8bd10c9278: Download complete
d5a40291440f: Download complete
bbdd8a83c0f1: Download complete
3a52205d40a6: Download complete
6192691706e8: Download complete
1a658a9035fb: Download complete
fceab3b2d743: Downloading 20.54MB/276.3MB
8b28cf1d590c: Downloading 45.68MB/47.99MB
```



```
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[Allens-MacBook-Pro:~ devpeep$ cd Development/
[Allens-MacBook-Pro:Development devpeep$ sudo docker pull microsoft/mssql-server-
linux:2017-latest
Password:
2017-latest: Pulling from microsoft/mssql-server-linux
f6fa9a861b90: Pull complete
da7318603015: Pull complete
6a8bd10c9278: Pull complete
d5a40291440f: Pull complete
bbdd8a83c0f1: Pull complete
3a52205d40a6: Pull complete
6192691706e8: Pull complete
1a658a9035fb: Pull complete
fceab3b2d743: Pull complete
8b28cf1d590c: Pull complete
Digest: sha256:a88f67985206a63f69d3785139aa70ab9613b53d2d28fe4ce5e14e172b76c690
Status: Downloaded newer image for microsoft/mssql-server-linux:2017-latest
Allens-MacBook-Pro:Development devpeep$
```



```
[➔ ~ docker run -e 'ACCEPT_EULA=Y' -e 'SA_PASSWORD=yourStrong(!)Password' -p 1433]
```

```
3:1433 -d microsoft/mssql-server-linux
```

```
5031a8ecc1e62fe14a55a2344fc0444a7d9a94985a1af17d32a35fb607e7141c
```

```
➔ ~ █
```

# Get and Run the Docker Container

> sud

> doc

'SA\_P  
mssql

```
Development — -bash — 80x24
Last login: Wed Nov  1 12:59:21 on ttys001
[Allens-MacBook-Pro:~ devpeep$ cd Development/
[Allens-MacBook-Pro:Development devpeep$ sudo docker pull microsoft/mssql-server-
linux:2017-latest
[Password:
2017-latest: Pulling from microsoft/mssql-server-linux
f6fa9a861b90: Pull complete
da7318603015: Pull complete
6a8bd10c9278: Pull complete
d5a40291440f: Pull complete
bbdd8a83c0f1: Pull complete
3a52205d40a6: Pull complete
6192691706e8: Pull complete
1a658a9035fb: Pull complete
fceab3b2d743: Pull complete
8b28cf1d590c: Pull complete
Digest: sha256:a88f67985206a63f69d3785139aa70ab9613b53d2d28fe4ce5e14e172b76c690
Status: Downloaded newer image for microsoft/mssql-server-linux:2017-latest
Allens-MacBook-Pro:Development devpeep$

[→ ~ docker run -e 'ACCEPT_EULA=Y' -e 'SA_PASSWORD=yourStrong(!)Password' -p 143
3:1433 -d microsoft/mssql-server-linux
5031a8ecc1e62fe14a55a2344fc0444a7d9a94985a1af17d32a35fb607e7141c
→ ~
```

17-latest

d microsoft/



# Install .Net Core

- Download and install the package from Microsoft  
<https://goo.gl/wtWQvF>

- Open a new terminal, go to a project folder and run

```
>dotnet new console -o SqlServerSample
```

```
→ Development mkdir MSSQLOnMac  
→ Development cd MSSQLOnMac  
→ MSSQLOnMac dotnet new console -o SqlServerSample  
The template "Console Application" was created successfully.  
  
Processing post-creation actions...  
Running 'dotnet restore' on SqlServerSample/SqlServerSample.csproj...  
  Restoring packages for /Users/allen/Development/MSSQLOnMac/SqlServerSample/SqlServerSample.csproj...  
    Generating MSBuild file /Users/allen/Development/MSSQLOnMac/SqlServerSample/obj/SqlServerSample.csproj.nuget.g.props.  
    Generating MSBuild file /Users/allen/Development/MSSQLOnMac/SqlServerSample/obj/SqlServerSample.csproj.nuget.g.targets.  
  Restore completed in 197.22 ms for /Users/allen/Development/MSSQLOnMac/SqlServerSample/SqlServerSample.csproj.  
  
Restore succeeded.  
→ MSSQLOnMac
```