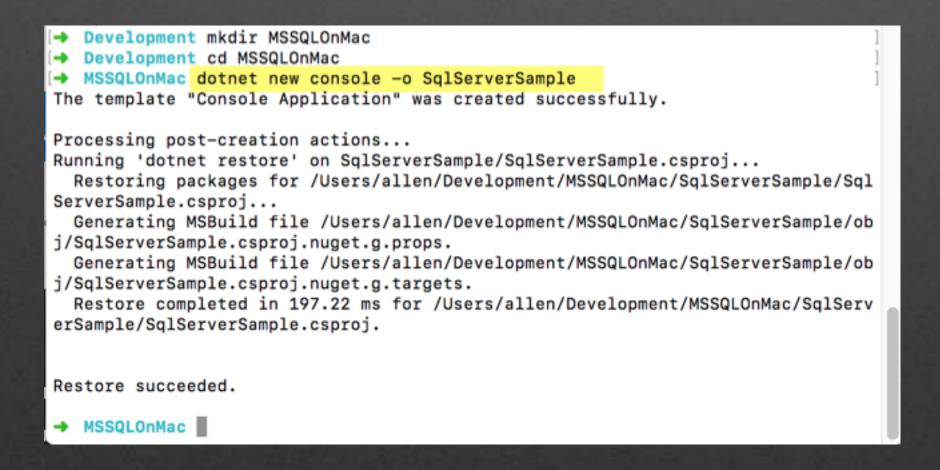# Install .Net Core

- 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
```

Demo


```
→ SqlServerSample pwd
/Users/allen/Development/MSSQLOnMac/SqlServerSample
→ SqlServerSample ls -la
total 16
drwxr-xr-x  5 allen  staff  170 Nov  1 13:41 .
drwxr-xr-x  3 allen  staff  102 Nov  1 13:41 ..
-rw-r--r--  1 allen  staff  197 Nov  1 13:41 Program.cs
-rw-r--r--  1 allen  staff  178 Nov  1 13:41 SqlServerSample.csproj
drwxr-xr-x  6 allen  staff  204 Nov  1 13:41 obj
→ SqlServerSample docker run -e 'ACCEPT_EULA=Y' -e 'SA_PASSWORD=yourStrong(!)Pa
ssword' -p 1433:1433 -d microsoft/mssql-server-linux
→ SqlServerSample dotnet restore
  Restore completed in 30.92 ms for /Users/allen/Development/MSSQLOnMac/SqlServe
rSample/SqlServerSample.csproj.
→ SqlServerSample dotnet run
Connecting to SQL Server ... Done.
All done. Press any key to finish...
```

```
drwxr-xr-x  6 allen  staff  204 Nov  1 13:41 obj
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rSample/SqlServerSample.csproj.
→ SqlServerSample dotnet run
Connecting to SQL Server ... Done.
All done. Press any key to finish...
→ SqlServerSample dotnet run
Connect to SQL Server and demo Create, Read, Update and Delete operations.
Connecting to SQL Server ... Done.
Dropping and creating database 'SampleDB' ... Done.
Creating sample table with data, press any key to continue...Done.
Inserting a new row into table, press any key to continue...1 row(s) inserted
Updating 'Location' for user 'Nikita', press any key to continue...1 row(s) upda
ted
Deleting user 'Jared', press any key to continue...1 row(s) deleted
Reading data from table, press any key to continue...
2 Nikita United States
3 Tom Germany
4 Jake United States
All done. Press any key to finish...
→ SqlServerSample
```