


Astra Linux: MS .Net Core MS Visual Studio Code

- .Net Core
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 - Microsoft
- Visual Studio Code

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- Astra Linux Special Edition .10015-01 (1.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Special Edition .10015-16 . 1
- Astra Linux Common Edition 2.12

 , Astra Linux Special Edition

.Net Core

[.NET Core](#) — , Microsoft .NET [GitHub](#). .NET Core (Windows, MacOS Linux) , . .NET Core, , , API-, . .

.Net Core

- 2.1
- 3.1
- 5.0

.Net Core

.NET Core ():

- 3.0
- 2.2
- 2.0

.Net Core

Microsoft

1. HTTPS ca-certificates apt-transport-https, :

```
sudo apt install ca-certificates apt-transport-https
```

2. Microsoft :

```
wget -O - https://packages.microsoft.com/keys/microsoft.asc | gpg --  
dearmor | sudo tee /etc/apt/trusted.gpg.d/microsoft.asc.gpg > /dev/null
```

3. Microsoft (/etc/apt/sources.list.d/microsoft-prod.list):



- a. Astra Linux Special Edition .10015-01 (1.7):

```
sudo wget https://packages.microsoft.com/config/debian/10/prod.list  
-O /etc/apt/sources.list.d/microsoft-prod.list
```

- b. Astra Linux Special Edition .10015-01 (1.6), Astra Linux Special Edition .10015-16 . 1, Astra Linux Common Edition:

```
sudo wget https://packages.microsoft.com/config/debian/9/prod.list  
-O /etc/apt/sources.list.d/microsoft-prod.list
```



4. :

```
sudo apt update
```

5. :

a. :

```
sudo apt install dotnet-sdk-5.0
```

b. :

```
sudo apt install aspnetcore-runtime-5.0
```

.NET :

1. dotnet:

```
mkdir ~/dotnet
```

2. .NET web- : <https://dotnet.microsoft.com/en-us/download/dotnet>. Astra Linux Common Edition, Astra Linux Special Edition .10015-01
Astra Linux Special Edition .10015-16 . 1 Linux x64. ;

3. () ~/dotnet;

4. :

```
tar xf ~/dotnet/dotnet-sdk-*.tar.gz
```

5. :

```
export DOTNET_ROOT=$HOME/dotnet  
export PATH=$PATH:$HOME/dotnet
```

6. , .profile :

```
DOTNET_ROOT=$HOME/dotnet  
PATH=$PATH:$HOME/dotnet
```

"Hello World":

```
dotnet new console -o myApp  
cd myApp  
dotnet run
```

Visual Studio Code

Visual Studio Code web- :

 https://code.visualstudio.com/docs/?dv=linux64_deb

:

```
sudo apt install ~//code_*.deb
```

"Download is performed unsandboxed" " apt .

: "" -> "" -> "Visual Studio Code" :

```
/usr/bin/code
```