Astra Linux: MS .Net Core MS Visual Studio Code

- .Net Core
  - .Net Core
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- .Net Core Astra Linux
- .Net Core
  - Microsoft
    -
  -
- Visual Studio Code

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- Astra Linux Special Edition .10015-01 .10015-10 (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

- 7.0;
- 6.0;
- 5.0;
- 3.1;
- 2.1.

.Net Core

.NET Core ( ):

- 3.0
- 2.2
- 2.0

.Net Core Astra Linux

2023-0426SE17 (1.7.4) aspnetcore-* dotnet-* Astra Linux synaptic :

```
sudo apt install  aspnetcore-* dotnet-*
```

:

```
apt policy aspnetcore-* dotnet-*
```

.Net Core

Microsoft

1. libxkbfile1 1:1.1.0 Debian:
   a. :

      ```
      wget http://archive.ubuntu.com/ubuntu/pool/main/libx/libxkbfile
      /libxkbfile1_1.1.0-1_amd64.deb
      ```

   b. :

      ```
      sudo apt install ./libxkbfile1_1.1.0-1_amd64.deb
      ```

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

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

3. Microsoft :

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

4. 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
```

, .

5. :

```
sudo apt update
```

6. :

a. :

```
sudo apt install dotnet-sdk-<_>
```

b. :

```
sudo apt install aspnetcore-runtime-<_>
```

— 2.1, 2.2, 3.0, 3.1, 5.0, 6.0, 7.0.

.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
```