

Wine:

- - Wine
 - Wine Astra Linux
 - Wine?
 - ? ? ?
 -
 - Wine Astra Linux
 - Wine .exe, .msi, .msp, .bat, .application
 - Wine
 - Gecko Mono
 - / 32- Wine Astra Linux Special Edition .10015-01 .10015-10 (1.7)?
 - 32- Wine Astra Linux Special Edition .10015-01 .10015-10 (1.7)?
 - 32- Wine?
 - Internet Explorer iexplore
 - iexplore Wine
 - Internet Explorer (IE) Wine?
- , Wine
 - . Wine ?
 - Wine cannot find the FreeType font library. To enable Wine to use TrueType fonts please install a version of FreeType greater than or equal to 2.0.5
 - dpkg: ia32-libs
 - X Error of failed request: GLXBadFBConfig Major opcode of failed request: 151 (GLX)
 - libGL error: failed to load driver: swrast X Error of failed request: BadValue (integer parameter out of range for operation) Major opcode of failed request: 151 (GLX)
 - Unhandled Exception: System.ComponentModel.Win32Exception:
 - warning: wineserver not found!
- Winetricks
 -
 - dotnet
 - vcrun
 - mdac



:

- Astra Linux Special Edition .10015-01 .10015-10 (1.7)
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10015-01 (1.6)
- Astra Linux Common Edition 2.12



!

Wine, , Astra Linux, . , Astra Linux Special Edition.

() [. 7.2.1]. Docker- rootless-, () [. 7.2.1] [. 7.2.7] .

Wine Astra Linux.

Wine — , UNIX- , GNU/Linux, Apple macOS UNIX- CPU x86, AMD64 (CPU,) 16-, 32- 64- , , Microsoft Windows, Microsoft Windows.

Wine: <https://www.winehq.org/>.

Wine

- wineserver —, Windows. , . -k, ;
- wineboot —, , ;
- regedit — Windows., winecfg winetricks, HKEY_CURRENT_USER\Software\Wine;
- winecfg — . :
 - —, Windows . Windows 7;
 - — ,DVD-, . — C: Z: C: , Z: Linux.

Wine Astra Linux

Wine Astra Linux :

- Astra Linux Special Edition 1.7 — ([Astra Linux Special Edition x.7:](#) , [- Astra Linux Special Edition x.7](#)).

 Wine, Astra Linux Special Edition 1.7, 64- .

- (, Debian - . [Astra Linux](#));
- .deb:
 - Internet Explorer Astra Linux Special Edition 1.7 — Wine 7.0.1, 32- , : [wine_7.0.1-0-astra-se17_lsb_amd64.deb](#);

Wine ([synaptic](#)) apt:

```
sudo apt install wine
```

.deb:

```
sudo apt install ./<_>
```

Wine?

:

```
dpkg -L <_>
```

:

- Wine 7.0.x, Astra Linux Special Edition 1.7 deb- /usr/share/wine. /usr/bin/;
- Wine, , /opt/<__wine> () /opt/<__wine>/bin/. , , .

Wine - . ? ?.

? ? ?

- . Wine , Windows, : Windows,,. :

- dosdevices —, . Windows (), . , "C:";
- drive_c — C:, Windows;
- update-timestamp — ;
- system.reg,user.reg userdef.reg — Windows, Windows-;
- winetricks.log —, winetricks.

.wine. , Internet Explorer — .wine-IE8. WINEPREFIX:

```
export WINEPREFIX=~/.wine
```

, ., Internet Explorer .wine-IE8:

```
WINEPREFIX=~/.wine-IE8 /opt/wine-7.13/bin/wine ~/.wine-IE8/drive_c/Program\
Files/Internet\ Explorer/iexplore.exe
```

, WINEPREFIX. :

- WINE — wine.:

```
export WINE=/opt/wine-7.13/bin/wine
```

- WINEARCH — . : win32 win64. :

```
export WINEARCH=win32
```

, export, . . , Internet Explorer iexplore, , :

- Internet Explorer (- wine-IE8, - win32):

```
WINEPREFIX=~/.wine-IE8 WINEARCH=win32 $WINE ~/.wine-IE8/drive_c/Program\ Files/Internet\ Explorer/iexplore.exe
```


- iexplore (- wine, - win64):

```
WINEPREFIX=~/.wine WINEARCH=win64 $WINE iexplore
```

, , unset:

```
unset WINEARCH
```

Wine Astra Linux

stable		4.0 7.0.x
devel		7.13
staging	7.13
cpro	<div> -2005 (. 09.02.2005 . N 66), . . , , , . wine. , .</div>	7.0
	, T-Flex CAD, , InnovaSystem LIS	

Wine .exe, .msi, .msp, .bat, .application

 Wine, Astra Linux Special Edition 1.7, 64- .

- .exe:

```
wine <_>.exe
```

- .msi:

```
wine msiexec /i <_>.msi
```

- .msp:

```
wine msiexec /p <_>.msp
```

- .bat:

```
wine start <_>.application
```

- .application (.NET):

```
winetricks -q dotnet40  
wine start <_>.application
```

Wine



Wine (root) sudo. Windows, , .

Wine sudo, :

```
sudo rm -fR ~/.wine
```

(root), /root.

Gecko Mono

Mono — .NET Framework (). # CLI, Microsoft . Mono — .Net, , MS .NET. Mono — Windows .Net- Linux . , Mono Microsoft .NET .

Gecko — - Wine . Wine (), Gecko .

Mono Geko [wine](#) [Astra Linux](#).

/ 32- Wine Astra Linux Special Edition .10015-01 .10015-10 (1.7)?

Wine, Astra Linux Special Edition .10015-01 (1.7), 64- .

32- Wine Astra Linux Special Edition .10015-01 .10015-10 (1.7)?

32- Astra Linux Special Edition 1.7 :

1. Wine 7.0.1, : [wine_7.0.1-0-astra-se17_lsb_amd64.deb](#);
2. 32- .

32- Wine?

32- :

1. :

```
export WINEARCH=win32
```

, "Fly", 32- .

2. :

```
wineboot
```

wineboot , winetricks . (.wine) .

Internet Explorer iexplore

Internet Explorer iexplore - Web-, Wine:

- Internet Explorer (IE, IE8) — Microsoft Windows, 32- Wine;
- iexplore — Wine, Wine 64-;

iexplore Wine

iexplore:

1. wine (. [wine Astra Linux](#)) ;
2. :

```
$WINE iexplore
```

, WINE wine.

Internet Explorer (IE) Wine?

 IE 8 Wine . 8 (IE8) Wine 7.0.1 7.13. 7.13.

IE8 :

1. , ptrace:

```
sudo astra-pttrace-lock status
```

, (), :

```
sudo astra-pttrace-lock disable
```

;

2. Wine 7.13. . [wine Astra Linux](#);
3. cabextract;

```
sudo apt install cabextract
```

4. [32- Wine](#) :

```
export WINEPREFIX=~/.wine-IE8
export WINEARCH=win32
export WINE=/opt/wine-7.13/bin/wine
winetricks ie8
winetricks -q msxml6 win2k
```

Mono. IE8 , .

IE8 :

```
$WINE ~/.wine-IE8/drive_c/Program\ Files/Internet\ Explorer/iexplore.exe
```

, Wine

. Wine ?

Windows , Wine file.desktop. — — :

❗ , . (:, " ("") Windows), : "\", " " . :

- "\ " ();
- "\\(" " "\\)" ();
- "\\\\" " ()

, "C:\Program Files (x86)\Name PO\Sl.exe" :

```
env WINEPREFIX="/home/u/.wine-name" wine C:\\\\Program\\ Files\\ \\(x86\\)\\
\\\\Name\\ PO\\\\Sl.exe
```

Wine cannot find the FreeType font library. To enable Wine to use TrueType fonts please install a version of FreeType greater than or equal to 2.0.5

ia32-libs Astra Linux Special Edition 1.7. :

1. ia32-libs:

```
sudo apt remove ia32-libs
```

2. Wine:

```
sudo apt remove <__wine>
```

3. ia32-libs :

```
sudo apt install ia32-libs
```

❗ Astra Linux Special Edition .10015-01 .10015-10 (1.7) 2021-1126SE17 (1) ia32-libs, ia32-libs_20220330+1.7se :

```
sudo apt install ./ia32-libs_20220330+1.7se_amd64.deb
```

4. Wine (. [Wine Astra Linux](#)).

dpkg: ia32-libs

.

X Error of failed request: GLXBadFBConfig Major opcode of failed request: 151 (GLX)

AMD, NVIDIA, IGPU. MESA_GL_VERSION_OVERRIDE:

```
export MESA_GL_VERSION_OVERRIDE=3.3
```

, - :

```
sed -i 's~^Exec=env \(.*\)~Exec=env "/bin/bash -c env
MESA_GL_VERSION_OVERRIDE="3.3" \1~' <____>
```

libGL error: failed to load driver: swrast X Error of failed request: BadValue (integer parameter out of range for operation) Major opcode of failed request: 151 (GLX)

NVIDIA. /usr/lib32/i386-linux-gnu:

```
sudo rm /usr/lib32/i386-linux-gnu/libGL.so.1
```

Unhandled Exception: System.ComponentModel.Win32Exception:

ptrace. :

1. "Fly" :

```
sudo astra-pttrace-lock disable
```

2. — — — — . ptrace , .

ptrace .

warning: wineserver not found!

Wine. Wine /opt/<_wine>, winetricks wine:

```
export WINE=/opt/<_wine>/bin/wine
```

"winetricks".

Winetricks

Winetricks — (DLL) .



winetricks Astra Linux winetricks ca-certificates, cabextract libmspack0.
winetricks zenity.

:

- Astra Linux Special Edition .10015-01 .10015-10 (1.7) : - [Astra Linux Special Edition x.7](#) Astra Linux Common Edition 2.12 :

```
sudo apt install ca-certificates libmspack0 cabextract zenity
```

- Astra Linux Special Edition .10015-01 (1.6) web- : [cabextract](#) [libmspack0](#). , "" :

```
sudo apt install ./libmspack0*_amd64.deb ./cabextract*_amd64.deb ca-  
certificates zenity
```

winetricks:

```
wget https://raw.githubusercontent.com/Winetricks/winetricks/master/src  
/winetricks  
chmod +x winetricks  
sudo mv -f winetricks /usr/bin
```

dotnet

.NET Framework .net- . , , .

winetricks, amd32,amd64 dotnet, , .

dotnet :

```
winetricks -q dotnet48
```

dotnet :

```
winetricks list-all| grep dotnet
```

vcrun

, , Microsoft Visual C++, MSVC.

winetricks, amd32,amd64 vcrun, , .

vcrun :

```
winetricks -q vcrun2019
```

vcrun :

```
winetricks list-all| grep vcrun
```

mdac

Mdac — Microsoft, .

winetricks, amd32 mdac, , .

amd64 mdac [32-](#), Windows.

mdac :

```
export WINEARCH=win32
winetricks -q mdac28
```