

TTC/TTF

```
ibus (Intelligent Input Bus) - ;  
;  
();
```



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- Astra Linux Special Edition .10015-01 ( 1.7)
- Astra Linux Special Edition .10015-01 ( 1.6) fly-wm 2.20
- Astra Linux Special Edition .10015-16 . 1 fly-wm 2.20
- Astra Linux Special Edition .10015-16 . 2 fly-wm 2.20
- Astra Linux Special Edition .10265-01 ( 8.1) fly-wm 2.20
- Astra Linux Common Edition 2.12.8 ( fly-wm 2.20 )



fly-wm:

```
apt policy fly-wm
```

( ).

1. ibus debian-archive-keyring :

```
sudo apt install ibus ibus-gtk3 debian-archive-keyring
```

2. Debian ( [Astra Linux](#) ). Debian :

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

```
echo "deb https://ftp.ru.debian.org/debian buster main contrib non-free" | sudo tee /etc/apt/sources.list.d/debian.list
```

- b. Astra Linux Special Edition Astra Linux Common Edition:

```
echo "deb https://archive.debian.org/debian stretch main contrib non-free" | sudo tee /etc/apt/sources.list.d/debian.list
```

```
/etc/apt/sources.list.d/debian.list. ;
```

3. :

```
sudo apt update
```

4. :

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

```
sudo apt install fonts-arphic-uming fonts-arphic-ukai ibus-libpinyin libpinyin13 liblua5.1-0
```

- b. Astra Linux Special Edition Astra Linux Common Edition:

```
sudo apt install fonts-arphic-uming fonts-arphic-ukai ibus-  
libpinyin libpinyin7 liblua5.1-0
```

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i. :

1. fonts-arphic-uming;
2. fonts-arphic-ukai;

ii. ():

1. ibus-libpinyin;
2. libpinyin13 libpinyin7;
3. liblua5.1-0;

5. , :

a. .xsessionrc ( , ):

```
export XMODIFIERS=@im=ibus  
export GTK_IM_MODULE=xim  
export QT_IM_MODULE=ibus
```

.profile ibus:

```
ibus-daemon -d -x -r
```

6. fly-dm.



fly-dm .

fly-dm:

```
sudo systemctl restart fly-dm
```

## TTC/TTF

TTC/TTF Astra Linux:

1. () Astra Linux. , :

```
<_>.ttc
```

2. , - /usr/share/fonts/ttf:

```
sudo mkdir -p /usr/share/fonts/ttf
```

3. /usr/share/fonts/ttf:

```
sudo cp <_>.ttc /usr/share/fonts/ttf/
```

4. :

```
sudo chmod 644 /usr/share/fonts/ttf/*
```

5. :

```
sudo mkfontdir
sudo mkfontscale
```

6. /etc/X11/xorg.conf Files :

```
FontPath "/usr/share/fonts/ttf"
```

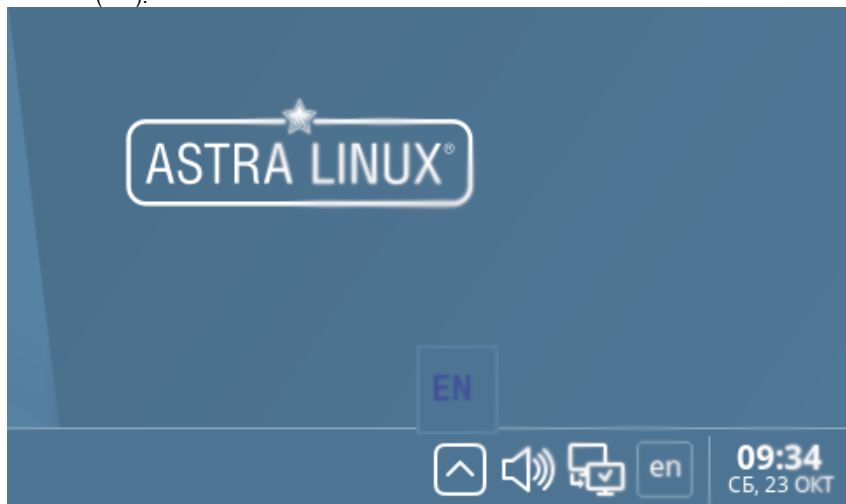
/etc/X11/xorg.conf, , Files, . /etc/X11/xorg.conf :

```
Section "Files"
...
FontPath "/usr/share/fonts/ttf"
...
EndSection
```

7. :

```
sudo fc-cache -fv
```

( ):



1. ;

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- "" (" "). <Super>space, <Super> Astra Linux . , , <Meta>space, <Meta> -Win -Win.;
- "";
- "";
- :"" - "Intelligent Pinyin"
- ."