ALP-live (Live-CD/Live-USB) Astra Linux

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-
- /
  -
  -
  - deb-
  -
  - live-
  -
-
- ALP-live- 5.4

ALP-live — , (D, DVD, USB-Flash) . , .

, USB , CD/DVD . . USB flash drive

:

- Astra Linux Special Edition .10015-01 (1.7), .10015-10
- Astra Linux Special Edition .10015-17
- Astra Linux Special Edition .10015-37 (7.7)
- Astra Linux Special Edition .10015-03 (7.6)
- Astra Linux Special Edition .10015-01 (1.6) 20200722SE16 (6)
- Astra Linux Special Edition .10015-16 . 1 20201007SE16
- Astra Linux Common Edition 2.12.29

.:

- USB flash drive
- ALP-raw Astra Linux

root.

live-build-astra. Astra Linux Special Edition x.7 , Astra Linux Special Edition 1.6 - , Astra Linux Common Edition - -. :

```
sudo apt install live-build-astra
```

:

```
sudo live-build-astra -h
```

```
Live CD builder
Usage: live-build-astra [OPTIONS]

OPTIONS
     -h|--help display this help and exit
     -d <distribution> create liveCD of given distribution
     -r <url> URL for distribution repo
     -i <filename> ISO image(s) to use as a source of packages and other
stuff
(without -d, -r and -i options programm will be try to build image for
current distribution with first repo from sources.list)

Example-1: live-build-astra
Example-2: live-build-astra -d smolensk -i "/usr/local/tmp/smolensk-current.
iso;/usr/local/tmp/devel-smolensk-current.iso"
Example-3: live-build-astra -d orel -r ftp://192.168.0.254/repo
Example-4: live-build-astra -d smolensk -r "ftp://192.168.0.254/repo-main;
ftp://192.168.0.254/repo-main-update;ftp://192.168.0.254/repo-devel"
```

:

- -d <> - , 1.7_x86-64, LiveCD;
- -r <url> - URL . , ";" ( ), , - Astra Linux Special Edition 1.7:

  -r "https://dl.astralinux.ru/astra/stable/1.7_x86-64/repository-main/"

  - Astra Linux .:

    - - Astra Linux Special Edition x.7;
    - - Astra Linux Special Edition .10015-01 (1.6);
    - - Astra Linux Common Edition 2.12.

- -i <filename> .iso . , ";" ( ), :

  -i "file1.iso;file2.iso;file3.iso;file4.iso"

4. :

- Astra Linux Special Edition x.7:
  1. ;
  2. ;
  3. ;
  4. ;
- Astra Linux Special Edition .10015-01 (1.6) ( ):
  1. ;
  2. ;
  3. ;
  4. ;

, debootstrap Live-. **/etc/apt/sources.list** , debootstrap live-, .

Live- . , **/etc/apt/sources.list**

/

, , Live-.

, live-, :

/usr/share/live-build-astra/customyze/shrink.roster

:

/usr/share/live-build-astra/customyze/astra_extend.list

( ).

, /usr/share/live-build-astra/customyze/astra_extend.list, shrink.roster, .

, sources.list chroot-) /usr/share/live-build-astra/customyze/external_repo.list, . .

deb-

- deb-. deb- /usr/share/live-build-astra/customyze/extra_pkgs.



, .

, , /usr/share/live-build-astra/customyze/external_repo.list, :

```
# Attention! Addition external repo can destroy validity of build live-disk
# Example:
# deb [trusted=yes] https://artifacts.elastic.co/packages/7.x/apt stable main
deb [trusted=yes] http://ftp.debian.org/debian stable main contrib non-free
```

, - , x86-64:

```
deb ftp://1.2.3.4/frozen/alse-X.7/4.7/4.7.5.1/base-repository 4.7_arm huawei1
deb ftp://1.2.3.4/frozen/alse-X.7/4.7/4.7.5.1/base-repository 4.7_arm main contrib non-free huawei1
```

, , /usr/share/live-build-astra/customyze/astra_extend.list, . .

live-

live-iso /opt/live_CD.

build.log, .

1

ISO- (, /etc/apt/sources.list).



/etc/apt/sources.list, .

```
sudo live-build-astra
```

2

, , /etc/apt/sources.list, :

- -d <distribution> – (1.7_x86-64, orel, smolensk .);
- -i <filename> – ISO- ;
  ISO- , ";"
- -r <url> – URL ;
  URL , ";"

, Astra Linux Special Edition 1.7 iso, :

```
sudo live-build-astra -d 1.7_x86-64 -i "/usr/local/tmp/1.7-main.iso;/usr
/local/tmp/1.7-base.iso"
```

iso url , debootstrap live-.

3

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

```
sudo live-build-astra -d 1.7_x86-64 -i "/tmp/1.7-bin.iso;/tmp/1.7-update-
bin.iso;/tmp/1.7-update-base.iso;/tmp/1.7-ext.iso"
```

4

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

```
sudo live-build-astra -d 1.7_x86-64 -r "http://dl.astralinux.ru/astra/stable
/1.7_x86-64/repository-main;http://dl.astralinux.ru/astra/stable/1.7_x86-64
/repository-update"
```

5

Astra Linux Common Edition -:

```
sudo live-build-astra -d orel -r "http://dl.astralinux.ru/astra/stable/2.
12_x86-64/repository"
```

ALP-live- 5.4

live- Astra Linux .10015-01 (1.6) 5.4:

1. 20210730SE16 (8) ;
2. :

   ```
   echo "linux-5.4" | sudo tee -a /usr/share/live-build-astra/customyze
   /astra_extend.list
   ```

3. Astra Linux Special Edition .10015-01 (1.6):
   a. 20211008SE16 (9): ALSE-live-build-169.tar.gz;
   b. 20210730SE16 (8): ALSE-live-build-168.tar.gz;
4. :

   ```
   tar xf ALSE-live-build-*.tar.gz
   ```

5. /usr/share/live-build-astra/customyze/extra_pkgs:

   ```
   sudo cp ALSE-live-build-168/pool/non-free/l/linux-astra-modules/* /usr
   /share/live-build-astra/customyze/extra_pkgs
   ```

6. .