

## , 2023-0426SE17 ( 1.7.4)

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  ○ ,

1. 400 ( , , ).
2. linux- "usercaps -L".
3. "audit=0".
4. Docker (rootless) .
5. , , Astra Linux Docker.
6. .
7. bsign: , "_signed".
8. FUSE .
9. Astra Linux .
10. , ( 45 Astra Linux .10015-01 ( 1.7) 90 – Astra Linux .10015-10).
11. sudo.
12. , postgresql , " Bash ".
13. .
14. .
15. :
    • libvirt;
    • spice-vdagent ;
    • ;
    • libvirtd systemctl status;
    • USB-;
    • Windows.
16. :
    • ;
    • , 59548-2022;
    • , Astra Linux ;
    • ;
    • ( , );
    • ;
    • , Astra Linux ( , );
    • (astra-event-viewer), « » (fly-event-viewer);
    • (astra-admin-events), « » (fly-admin-events);
    • log- .
17. :
    • () ;
    • PulseAudio;
    • - ;
    • Bluetooth- ( headset handsfree);
18. « » (fly-sound-applet), :
    • ;
    • , ;
    • ;
    • / ;
    • / ;
    • ;
    • () ;
    • OSD, () .
19. :
    • ;
    • " " ;
    • " F1";
    • ;
    • baloo_file, .
20. Astra Linux, :
    • « », , , ;
    • ;
    • ;
    • ;
    • , , Index;
    • , ;
    • <power>;
```

- Bluetooth;
- ;
- ;
- ;
- MIG Lenovo.

21. FreeIPA :

- smdb winbind ;
- FreeIPA, ;
- .

22. apt-mirror , , .

23. BlueDevil, Bluetooth-, - Astra Linux Bluetooth- .

24. Cloud-init , Astra Linux VMware.

25. - Chromium :

- ;
- - -;
- maliit.

26. - Mozilla Firefox :

- ;
- NTLM.

27. , debootstrap.

28. , Flake8.

29. :

- , , libcupsimage2;
- «»(fly-admin-printer) , ;
- "#" URI;
- LPD(UNIX) proxy- /etc/environment.

30. «DHCP-»(fly-admin-dhcp), :

- DNS bind9 DDNS;
- ;
- .

31. «»(fly-admin-driver) .

32. «»(fly-admin-events) :

- ;
- , ;
- .

33. «»(fly-admin-fonts) .

34. « OpenVPN-»(fly-admin-openvpn-server) OpenVPN .

35. « PolicyKit-1»(fly-admin-policykit-1) :

- ;
- .

36. «»(fly-admin-power) .

37. «»(fly-admin-repo) :

- , HTTP;
- ;
- , « »;
- .

38. « Samba»(fly-admin-samba) :

- ;
- .

39. «»(fly-admin-winprops) .

40. « Fly»(fly-brightness) .

41. , (fly-dm fly-qdm), :

- ;
- ;

42. «»(fly-fm) :

- ;
- ;
- ;
- , Windows ("\\10.1.2.3 "), : "smb://10.1.2.3";
- "" ;
- , () -;
- ;
- [] ;
- <Alt+Enter>.

43. «»(fly-languages) , .

44. «»(fly-notifications) :

- ( );
- , () ;
- OSD;
- OSD;
- ;
- ;
- .

45. «»(fly-ocr) :

- , («») ;
- .

46. «»(fly-scan) :

- ;
- ;

- ;
- ;
- ;
- ;
- ;
- ;

47. « » (fly-sosreport) Samba.

48. « » (fly-update-notifier) .

49. « » (fly-vkbd) .

50. , fly-hexedit.

51. Open vSwitch (OVS) .

52. , perf 5.15.0-33-lowlatency.

53. Samba, Microsoft Active Directory, (astra-smbadc astra-winbind) :

- ;
- ;
- ;

54. « » (system-config-audit) .

55. (System Security Services Daemon (SSSD)) Astra Linux Fly.

56. , VNC.

57. xorg-server fly-wm - :

- ;
- , -;
- , ;
- « » (drag-and-drop) , , ;
- / () ;
- ;
- ;
- Zoom , ;
- ;
- , <Ctrl+C>/<Ctrl+V>;
- ;
- (-);
- Java-;
- ( , );
- (« ») ;
- ;
- ;
- , , , ;
- " " " " ,
- <Alt+Enter>.

58. , "astra-admin-driver".

59. Citrix Workspace, Windows RDP.

60. OnlyOffice 7- Astra Linux, .

61. POS- Jazz 15 Pro.

62. ACER A317-53-366Q.

63. ACER C27-1655 (D18L2).

64. iROBO-5000-70i2T-G3.

65. DisplayPort Kvarda D20.

66. ASPEED AST.

67. , .

68. , / .

69. LibreOffice 7.5.2.

70. Memcached 1.6.9.

71. NetworkManager 1.30.6.

72. Open MPI 4.1.4.

73. OpenSSH 8.4p1.

74. pgpool-II 4.3.3.

75. poppler-22 22.12.0-2 .

76. PostGIS 3.3.2.

77. Zabbix 6.0.7.

78. ( - main) aha (ANSI HTML Adapter).

79. ( - main) bootparamd, , , .

80. ( - main) fwupd (firmware update daemon).

81. ( - main) intel-media-va-driver-non-free, VA-API (Video Acceleration API).

82. ( - main) - PHP 8.

83. ( - main) python3-firewall, FirewallD Ansible.

84. ( - main) TRUST NET (trnet).

85. (base) Ansible, Astra Linux (ansible-module-astra-update).

86. (base) drbd-reactor, DRBD.

87. (base) git-lfs, Git LFS ( ).

88. (base) krb5-auth-dialog, (tickets) Kerberos.

89. (base) libddcutil-dev pci.ids, DDC/CI (Display Data Channel / Command Interface) – ).

90. (base) libeatmydata, .

91. (base) linux-doc-5., Linux.

92. (base) php7.3-kadm5, Kerberos PHP.

93. (base) postgresql-11-smlar, , .

94. (base) Taskfile (task), Make .

95. (base) wwWare (wv), / Microsoft .doc , LaTeX, html .

96. (base) (extended) :

- python3-pyqt5.qtwebengine;
- python3-pyqt5.qtwebchannel.

		1.7.4
aha	aha	0.5-1
ansible-module-astra-update	ansible-module-astra-update	0.1
astra-event-viewer	astra-event-viewer	1.0.16+ci7
astra-kvm-secure	astra-kvm-secure	1.0-17
astra-mobile-kcms	astra-mobile-kcms	0.1.9
astra-mobile-wizard	astra-mobile-wizard	0.2.4+ci1
audit	python-audit	1:2.8.5-2ubuntu6+ci202302271623+astra2
bsign-aliens	bsign-aliens	0.1+ci17
cpupower-gui	cpupower-gui	1.0.0-1+ci5
ddcutil	libddcutil-dev	1.3.0-1
ddcutil	libddcutil4	1.3.0-1
dh-php4	dh-php4	4.9
directx-headers	directx-headers-dev	1.606.4-1
dpdk	librte-acl23	22.11.1-2
dpdk	librte-baseband-acc23	22.11.1-2
dpdk	librte-baseband-fpga-5gnr-fec23	22.11.1-2
dpdk	librte-baseband-fpga-lte-fec23	22.11.1-2
dpdk	librte-baseband-la12xx23	22.11.1-2
dpdk	librte-baseband-null23	22.11.1-2
dpdk	librte-baseband-turbo-sw23	22.11.1-2
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dpdk	librte-common-idpf23	22.11.1-2
dpdk	librte-common-mlx5-23	22.11.1-2
dpdk	librte-common-octeon23	22.11.1-2
dpdk	librte-common-qat23	22.11.1-2
dpdk	librte-common-sfc-efx23	22.11.1-2

dpdk	librte-compress-isal23	22.11.1-2
dpdk	librte-compress-mlx5-23	22.11.1-2
dpdk	librte-compress-octeonx23	22.11.1-2
dpdk	librte-compress-zlib23	22.11.1-2
dpdk	librte-compressdev23	22.11.1-2
dpdk	librte-crypto-bcmfs23	22.11.1-2
dpdk	librte-crypto-caam-jr23	22.11.1-2
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dpdk	librte-crypto-cnxk23	22.11.1-2
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dpdk	librte-crypto-dpaa2-sec23	22.11.1-2
dpdk	librte-crypto-ipsec-mb23	22.11.1-2
dpdk	librte-crypto-mlx5-23	22.11.1-2
dpdk	librte-crypto-nitrox23	22.11.1-2
dpdk	librte-crypto-null23	22.11.1-2
dpdk	librte-crypto-octeonx23	22.11.1-2
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dpdk	librte-dma-dpaa2-23	22.11.1-2
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dpdk	librte-dma-hisilicon23	22.11.1-2
dpdk	librte-dma-idxd23	22.11.1-2
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dpdk	librte-dma-skeleton23	22.11.1-2
dpdk	librte-dmdev23	22.11.1-2
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dpdk	librte-efd23	22.11.1-2
dpdk	librte-ethdev23	22.11.1-2
dpdk	librte-event-cnxk23	22.11.1-2
dpdk	librte-event-dlb2-23	22.11.1-2
dpdk	librte-event-dpaa2-23	22.11.1-2
dpdk	librte-event-dpaa23	22.11.1-2
dpdk	librte-event-dsw23	22.11.1-2
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dpdk	librte-gpudev23	22.11.1-2
dpdk	librte-graph23	22.11.1-2
dpdk	librte-gro23	22.11.1-2
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dpdk	librte-ip-frag23	22.11.1-2
dpdk	librte-ipsec23	22.11.1-2
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dpdk	librte-latencystats23	22.11.1-2
dpdk	librte-lpm23	22.11.1-2
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dpdk	librte-mempool-dpaa23	22.11.1-2
dpdk	librte-mempool-octeonx23	22.11.1-2
dpdk	librte-mempool-ring23	22.11.1-2
dpdk	librte-mempool-stack23	22.11.1-2
dpdk	librte-mempool23	22.11.1-2
dpdk	librte-meta-common	22.11.1-2
dpdk	librte-meta-dma	22.11.1-2
dpdk	librte-meter23	22.11.1-2
dpdk	librte-metrics23	22.11.1-2
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dpdk	librte-net-avp23	22.11.1-2
dpdk	librte-net-axgbe23	22.11.1-2
dpdk	librte-net-bnx2x23	22.11.1-2
dpdk	librte-net-bnxt23	22.11.1-2
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dpdk	librte-net-cnxx23	22.11.1-2
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dpdk	librte-net-dpaa23	22.11.1-2
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dpdk	librte-net-ena23	22.11.1-2
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dpdk	librte-net-ixgbe23	22.11.1-2
dpdk	librte-net-liquidio23	22.11.1-2
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dpdk	librte-net-mlx4-23	22.11.1-2
dpdk	librte-net-mlx5-23	22.11.1-2
dpdk	librte-net-netvsc23	22.11.1-2
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dpdk	librte-net-null23	22.11.1-2
dpdk	librte-net-octeon-ep23	22.11.1-2
dpdk	librte-net-octeontx23	22.11.1-2
dpdk	librte-net-pcap23	22.11.1-2
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dpdk	librte-net-sfc23	22.11.1-2
dpdk	librte-net-softnic23	22.11.1-2
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dpdk	librte-net-thunderx23	22.11.1-2
dpdk	librte-net-txgbe23	22.11.1-2
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dpdk	librte-net-vhost23	22.11.1-2
dpdk	librte-net-virtio23	22.11.1-2
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dpdk	librte-net23	22.11.1-2
dpdk	librte-node23	22.11.1-2
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dpdk	librte-raw-dpaa2-cmdif23	22.11.1-2
dpdk	librte-raw-ifpga23	22.11.1-2
dpdk	librte-raw-ntb23	22.11.1-2
dpdk	librte-raw-skeleton23	22.11.1-2
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dpdk	librte-regex-mlx5-23	22.11.1-2
dpdk	librte-regexdev23	22.11.1-2

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dpdk	librte-ring23	22.11.1-2
dpdk	librte-sched23	22.11.1-2
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dpdk	librte-stack23	22.11.1-2
dpdk	librte-table23	22.11.1-2
dpdk	librte-telemetry23	22.11.1-2
dpdk	librte-timer23	22.11.1-2
dpdk	librte-udp-af-xdp23	22.11.1-2
dpdk	librte-udp-af-xdp23	22.11.1-2
dpdk	librte-udp-af-xdp23	22.11.1-2
dpdk	librte-udp-af-xdp23	22.11.1-2
dpdk	librte-udp-af-xdp23	22.11.1-2
drbd-reactor	drbd-reactor	0.10.2-1ppa1~focal1
ffmpeg5	ffmpeg-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	ffmpeg-doc-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavcodec-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libavcodec-extra-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavcodec-extra59-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavcodec59-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavdevice-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libavdevice59-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavfilter-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libavfilter-extra-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavfilter-extra8-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavfilter8-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavformat-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libavformat-extra-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavformat-extra59-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavformat59-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libavutil-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libavutil57-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libpostproc-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libpostproc56-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libswresample-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libswresample4-5.1	7:5.1.3-1astra1+ci1
ffmpeg5	libswscale-5.1-dev	7:5.1.3-1astra1+ci1
ffmpeg5	libswscale6-5.1	7:5.1.3-1astra1+ci1
firewalld	python3-firewall	1.2.2-1~bpo11+1
fly-notifications	libfly-notify-config	1.0.12+ci27
fly-osd-bluetooth-service	fly-osd-bluetooth-service	1.0.0+ci5
fly-osd-wifi-service	fly-osd-wifi-service	1.0.0+ci4
fly-osd-wwan-service	fly-osd-wwan-service	1.0.0+ci3
fly-osd-xkb-service	fly-osd-xkb-service	1.0.0+ci4
fly-sound-applet	fly-sound-applet	1.0.0+ci14
fwupd	fwupd	1.2.14-1~deb10u1astra1
fwupd	libfwupd2	1.2.14-1~deb10u1astra1



gdb-doc	gdb-doc	8.2.1-1
gdl	gir1.2-gdl-3	3.28.0-2
gdl	libgdl-3-5	3.28.0-2
gdl	libgdl-3-common	3.28.0-2
gdl	libgdl-3-dev	3.28.0-2
gdl	libgdl-3-doc	3.28.0-2
git-lfs	git-lfs	2.13.1-2~bpo10+1
golang-1.19	golang-1.19	1.19.5-1~bpo11+1
golang-1.19	golang-1.19-doc	1.19.5-1~bpo11+1
golang-1.19	golang-1.19-go	1.19.5-1~bpo11+1
golang-1.19	golang-1.19-src	1.19.5-1~bpo11+1
golang-eclipse-paho	golang-github-eclipse-paho.mqtt.golang-dev	1.1.1-1.1
golang-github-azure-go-ntlmssp	golang-github-azure-go-ntlmssp-dev	0.0~git20200615.6637195-1
golang-github-burntsushi-locker	golang-github-burntsushi-locker-dev	0.0~git20171006.a6e239e-2
golang-github-go-ldap-ldap	golang-github-go-ldap-ldap-dev	3.2.3-1
golang-github-goburrow-modbus	golang-github-goburrow-modbus-dev	0.1.0-2
golang-github-goburrow-serial	golang-github-goburrow-serial-dev	0.1.0-2
golang-github-nxadm-tail	golang-github-nxadm-tail-dev	1.4.5+ds1-5
golang-google-protobuf	golang-google-protobuf-dev	1.28.1-3
golang-google-protobuf	protoc-gen-go	1.28.1-3
golang-gopkg-asn1-ber.v1	golang-gopkg-asn1-ber.v1-dev	1.5.1-1
harfbuzz	libharfbuzz-subset0	6.0.0+dfsg-3build1astra1
heimdal	libcrypto5-heimdal	7.8.git20221117.28daf24+dfsg-1.1
heimdal	libroken19-heimdal	7.8.git20221117.28daf24+dfsg-1.1
ifdnfc	ifdnfc	0+git20160301-0astra3
intel-gmmlib	libigdgmm12	22.3.3+ds1-1
intel-media-driver-non-free	intel-media-va-driver-non-free	23.1.1+ds1-1
karchive	libkf5archive-data	5.104.0-1
kcmutils	libkf5kcmutils-bin	5.104.0-1astra2
kdecoration	libkdecorations2private10	4:5.27.3-1
kguiaddons	libkf5guiaddons-bin	5.104.0-1
kirigami-addons	kirigami-addons-data	0.7.0-2astra1
kirigami-addons	kirigami-addons-dev	0.7.0-2astra1
kirigami-addons	qml-module-org-kde-kirigami-addons-datetime	0.7.0-2astra1
kirigami-addons	qml-module-org-kde-kirigami-addons-labs-components	0.7.0-2astra1
kirigami-addons	qml-module-org-kde-kirigami-addons-labs-mobileform	0.7.0-2astra1
kirigami-addons	qml-module-org-kde-kirigami-addons-sounds	0.7.0-2astra1
kirigami-addons	qml-module-org-kde-kirigami-addons-treeview	0.7.0-2astra1
kpipewire	libkpipewire-dev	5.27.3-1astra2
kpipewire	libkpipewire5	5.27.3-1astra2
kpipewire	libkpipewiredmabuf5	5.27.3-1astra2
kpipewire	libkpipewirerecord5	5.27.3-1astra2
krb5-auth-dialog	krb5-auth-dialog	3.26.1-2
ksmtuned	ksmtuned	4.20150326
kwin	libkwineffects14	4:5.27.3-1astra4
kwin	libkwinglutils14	4:5.27.3-1astra4
libcbor	libcbor-dev	0.8.0-2astra1

libcbor	libcbor0.8	0.8.0-2astra1
libdc1394	libdc1394-25	2.2.6-3
libdc1394	libdc1394-dev	2.2.6-3
libdc1394	libdc1394-doc	2.2.6-3
libfido2	fido2-tools	1.6.0-2
libfido2	libfido2-1	1.6.0-2
libfido2	libfido2-dev	1.6.0-2
libfly-system-sounds	fly-system-sounds-dbus-service	1.1.0+ci4
libfly-system-sounds	libfly-system-sounds	1.1.0+ci4
libfly-system-sounds	libfly-system-sounds-dev	1.1.0+ci4
libfly-system-sounds	libfly-system-sounds-qt	1.1.0+ci4
libfly-system-sounds	libfly-system-sounds-qt-dev	1.1.0+ci4
libhandy-1	gir1.2-handy-1	1.0.0-2~bpo10+1
libhandy-1	libhandy-1-0	1.0.0-2~bpo10+1
libkscreen	libkf5screen-data	4:5.27.3-1astra5
libkscreen	libkf5screen8	4:5.27.3-1astra5
libkscreen	libkf5screendpms8	4:5.27.3-1astra5
libnfc	libnfc-bin	1.8.0-2astra2
libnfc	libnfc-dev	1.8.0-2astra2
libnfc	libnfc-examples	1.8.0-2astra2
libnfc	libnfc-pn53x-examples	1.8.0-2astra2
libnfc	libnfc6	1.8.0-2astra2
libopendbx	libopendbx1	1.4.6-13
libopendbx	libopendbx1-dev	1.4.6-13
libopendbx	libopendbx1-firebird	1.4.6-13
libopendbx	libopendbx1-mssql	1.4.6-13
libopendbx	libopendbx1-mysql	1.4.6-13
libopendbx	libopendbx1-odbc	1.4.6-13
libopendbx	libopendbx1-pgsql	1.4.6-13
libopendbx	libopendbx1-sqlite	1.4.6-13
libopendbx	libopendbx1-sqlite3	1.4.6-13
libopendbx	libopendbx1-sybase	1.4.6-13
libopendbx	opendbx-doc	1.4.6-13
libopendbx	opendbx-utils	1.4.6-13
libplacebo	libplacebo72	2.72.2-1
libqrtr-glib	gir1.2-qrtr-1.0	1.2.2-1~bpo11+1
libqrtr-glib	libqrtr-glib-dev	1.2.2-1~bpo11+1
libqrtr-glib	libqrtr-glib0	1.2.2-1~bpo11+1
libsmbios	libsmbios-c2	2.4.1-1
libsmbios	libsmbios-dev	2.4.1-1
libvirt	libvirt-clients-qemu	9.0.0-1.astra.se12
libvirt	libvirt-l10n	9.0.0-1.astra.se12
libxmlb	libxmlb-dev	0.1.6-2
libxmlb	libxmlb1	0.1.6-2
linux	linux-doc-5.4.0-110	5.4.0-110.astra35+ci194
linux	linux-tools-host-5.4.0-110	5.4.0-110.astra35+ci194
linux-5.10	linux-tools-host-5.10.176-1	5.10.176-1.astra1

linux-5.15	linux-doc-5.15.0-70	5.15.0-70.astra2
linux-5.15	linux-tools-5.15.0-70-lowlatency	5.15.0-70.astra2
linux-5.15	linux-tools-host-5.15.0-70	5.15.0-70.astra2
netkit-bootparamd	bootparamd	0.17-10
nftables	libnftables1	0.9.6-1~bpo10+1
nftables	nftables	0.9.6-1~bpo10+1
nftables	python3-nftables	0.9.6-1~bpo10+1
open-iscsi	libopeniscsiusr	2.1.3-5astra1
open-vm-tools	open-vm-tools-desktop	2:11.3.0-3+ci202304041859+astra1
open-vm-tools	open-vm-tools-dev	2:11.3.0-3+ci202304041859+astra1
open-vm-tools	open-vm-tools-sdmp	2:11.3.0-3+ci202304041859+astra1
openscap (1.3.6+dfsg-4)	libopenscap-dev	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	libopenscap-perl	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	libopenscap25	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	openscap-common	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	openscap-doc	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	openscap-scanner	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	openscap-utils	1.3.6+dfsg-4+b1
openscap (1.3.6+dfsg-4)	python3-openscap	1.3.6+dfsg-4+b1
orafce	postgresql-11-orafce	4.1.0-1.astra1+ci3
ossp-uuid	libossp-uuid-dev	1.6.2-1.5
ossp-uuid	libossp-uuid-perl	1.6.2-1.5
ossp-uuid	libossp-uuid16	1.6.2-1.5
ossp-uuid	uuid	1.6.2-1.5
oxygen	kde-style-oxygen-qt5	4:5.27.3-1
oxygen	kwin-decoration-oxygen	4:5.27.3-1
oxygen	liboxygenstyle5-5	4:5.27.3-1
oxygen	liboxygenstyleconfig5-5	4:5.27.3-1
oxygen	plasma-theme-oxygen	4:5.27.3-1
pci.ids	pci.ids	0.0~2023.01.18-1
pgpool2	libpgpool2	4.3.3-astra.se1+ci4
php-apcu	php-apcu-all-dev	5.1.21+4.0.11-7
php-apcu	php7.3-apcu	5.1.21+4.0.11-7
php-apcu	php8.1-apcu	5.1.21+4.0.11-7
php-ds	php8.1-ds	1.4.0-5
php-igbinary	php-igbinary-all-dev	3.2.6+2.0.8-7
php-igbinary	php7.3-igbinary	3.2.6+2.0.8-7
php-igbinary	php8.1-igbinary	3.2.6+2.0.8-7
php-imagick	php7.3-imagick	3.7.0-3
php-imagick	php8.1-imagick	3.7.0-3
php-kadm5	php7.3-kadm5	0.4.0-1
php-memcache	php7.3-memcache	8.0+4.0.5.2+3.0.9~20170802.e702b5f9+-7
php-memcache	php8.1-memcache	8.0+4.0.5.2+3.0.9~20170802.e702b5f9+-7
php-memcached	php7.3-memcached	3.2.0+2.2.0-1+0~20220421.38+debian11~1.gbp96ecac
php-memcached	php8.1-memcached	3.2.0+2.2.0-1+0~20220421.38+debian11~1.gbp96ecac
php-msgpack	php-msgpack-all-dev	2.2.0~rc1+2.1.2+0.5.7-6+0~20220117.33+debian11~1.gbp304533
php-msgpack	php7.3-msgpack	2.2.0~rc1+2.1.2+0.5.7-6+0~20220117.33+debian11~1.gbp304533

php-msgpack	php8.1-msgpack	2.2.0~rc1+2.1.2+0.5.7-6+0~20220117.33+debian11~1.gbp304533
php-oauth	php7.3-oauth	2.0.7+1.2.3-16
php-oauth	php8.1-oauth	2.0.7+1.2.3-16
php-raphf	php7.3-raphf	2.0.1+1.1.2-13
php-raphf	php8.1-raphf	2.0.1+1.1.2-13
php-redis	php8.1-redis	5.3.7+4.3.0-1+0~20220330.42+debian11~1.gbp6fe8b7
php8.1	libapache2-mod-php8.1	8.1.12-1
php8.1	libphp8.1-embed	8.1.12-1
php8.1	php8.1	8.1.12-1
php8.1	php8.1-bcmath	8.1.12-1
php8.1	php8.1-bz2	8.1.12-1
php8.1	php8.1-cgi	8.1.12-1
php8.1	php8.1-cli	8.1.12-1
php8.1	php8.1-common	8.1.12-1
php8.1	php8.1-curl	8.1.12-1
php8.1	php8.1-dba	8.1.12-1
php8.1	php8.1-dev	8.1.12-1
php8.1	php8.1-enchanted	8.1.12-1
php8.1	php8.1-fpm	8.1.12-1
php8.1	php8.1-gd	8.1.12-1
php8.1	php8.1-gmp	8.1.12-1
php8.1	php8.1-imap	8.1.12-1
php8.1	php8.1-interbase	8.1.12-1
php8.1	php8.1-intl	8.1.12-1
php8.1	php8.1-ldap	8.1.12-1
php8.1	php8.1-mbstring	8.1.12-1
php8.1	php8.1-mysql	8.1.12-1
php8.1	php8.1-odbc	8.1.12-1
php8.1	php8.1-opcache	8.1.12-1
php8.1	php8.1-pgsql	8.1.12-1
php8.1	php8.1-phpdbg	8.1.12-1
php8.1	php8.1-pspell	8.1.12-1
php8.1	php8.1-readline	8.1.12-1
php8.1	php8.1-snmp	8.1.12-1
php8.1	php8.1-soap	8.1.12-1
php8.1	php8.1-sqlite3	8.1.12-1
php8.1	php8.1-sybase	8.1.12-1
php8.1	php8.1-tidy	8.1.12-1
php8.1	php8.1-xml	8.1.12-1
php8.1	php8.1-xsl	8.1.12-1
php8.1	php8.1-zip	8.1.12-1
pmix	libpmix-bin	4.2.2-1
pmix	python3-pmix	4.2.2-1
poppler-22	libpoppler126	22.12.0-2
postgresql-plproxy	postgresql-11-plproxy	2.10.0-3+ci4
rpm	librpm9	4.16.1.2+dfsg1-3
rpm	librpm-build9	4.16.1.2+dfsg1-3

rpm	librpmio9	4.16.1.2+dfsg1-3
rpm	librpmisign9	4.16.1.2+dfsg1-3
rust-aho-corasick	librust-aho-corasick-dev	0.7.10-1
rust-aho-corasick	librust-aho-corasick+std-dev	0.7.10-1
rust-ansi-term	librust-ansi-term-dev	0.12.1-1
rust-ansi-term	librust-ansi-term+derive-serde-style-dev	0.12.1-1
rust-anyhow	librust-anyhow-dev	1.0.31-1
rust-arc-swap	librust-arc-swap-dev	0.4.8-2
rust-atty	librust-atty-dev	0.2.14-2
rust-bitflags	librust-bitflags-dev	1.2.1-1
rust-cfg-if	librust-cfg-if-dev	0.1.6-1
rust-clap	librust-clap-dev	2.33.3-1
rust-clap	librust-clap+ansi-term-dev	2.33.3-1
rust-clap	librust-clap+atty-dev	2.33.3-1
rust-clap	librust-clap+color-dev	2.33.3-1
rust-clap	librust-clap+default-dev	2.33.3-1
rust-clap	librust-clap+strsim-dev	2.33.3-1
rust-clap	librust-clap+term-size-dev	2.33.3-1
rust-clap	librust-clap+vec-map-dev	2.33.3-1
rust-clap	librust-clap+wrap-help-dev	2.33.3-1
rust-colored	librust-colored-dev	1.6.1-1
rust-fern	librust-fern-dev	0.5.8-1
rust-fern	librust-fern+colored-dev	0.5.8-1
rust-getrandom	librust-getrandom-dev	0.1.13-4
rust-getrandom	librust-getrandom+log-dev	0.1.13-4
rust-heck	librust-heck-dev	0.3.1-1
rust-itoa	librust-itoa-dev	0.4.3-1
rust-lazy-static	librust-lazy-static-dev	1.4.0-1
rust-libc	librust-libc-dev	0.2.80-1
rust-log	librust-log-dev	0.4.11-2
rust-log	librust-log+serde-dev	0.4.11-2
rust-memchr	librust-memchr-dev	2.3.3-1
rust-memchr	librust-memchr+libc-dev	2.3.3-1
rust-ppv-lite86	librust-ppv-lite86-dev	0.2.16-1
rust-proc-macro-error	librust-proc-macro-error-dev	1.0.3-1
rust-proc-macro-error-attr	librust-proc-macro-error-attr-dev	1.0.3-1
rust-proc-macro2	librust-proc-macro2-dev	1.0.18-1
rust-quote	librust-quote-dev	1.0.7-1
rust-quote	librust-quote+proc-macro-dev	1.0.7-1
rust-rand	librust-rand-dev	0.7.3-3
rust-rand	librust-rand+alloc-dev	0.7.3-3
rust-rand	librust-rand+getrandom-dev	0.7.3-3
rust-rand	librust-rand+getrandom-package-dev	0.7.3-3
rust-rand	librust-rand+libc-dev	0.7.3-3
rust-rand	librust-rand+log-dev	0.7.3-3
rust-rand	librust-rand+std-dev	0.7.3-3
rust-rand	librust-rand+stdweb-dev	0.7.3-3

rust-rand	librust-rand+wasm-bindgen-dev	0.7.3-3
rust-rand-chacha	librust-rand-chacha-dev	0.2.2-1
rust-rand-chacha	librust-rand-chacha+default-dev	0.2.2-1
rust-rand-chacha	librust-rand-chacha+std-dev	0.2.2-1
rust-rand-core	librust-rand-core-dev	0.5.1-1
rust-rand-core	librust-rand-core+getrandom-dev	0.5.1-1
rust-rand-core	librust-rand-core+serde-dev	0.5.1-1
rust-rand-core	librust-rand-core+std-dev	0.5.1-1
rust-rand-hc	librust-rand-hc-dev	0.2.0-1
rust-redox-syscall	librust-redox-syscall-dev	0.1.57-2
rust-regex	librust-regex-dev	1.3.7-1
rust-regex	librust-regex+aho-corasick-dev	1.3.7-1
rust-regex	librust-regex+default-dev	1.3.7-1
rust-regex	librust-regex+memchr-dev	1.3.7-1
rust-regex	librust-regex+perf-cache-dev	1.3.7-1
rust-regex	librust-regex+perf-dev	1.3.7-1
rust-regex	librust-regex+perf-literal-dev	1.3.7-1
rust-regex	librust-regex+unicode-age-dev	1.3.7-1
rust-regex	librust-regex+unicode-bool-dev	1.3.7-1
rust-regex	librust-regex+unicode-case-dev	1.3.7-1
rust-regex	librust-regex+unicode-dev	1.3.7-1
rust-regex	librust-regex+unicode-gencat-dev	1.3.7-1
rust-regex	librust-regex+unicode-perl-dev	1.3.7-1
rust-regex	librust-regex+unicode-script-dev	1.3.7-1
rust-regex	librust-regex+unicode-segment-dev	1.3.7-1
rust-regex-syntax	librust-regex-syntax-dev	0.6.17-1
rust-regex-syntax	librust-regex-syntax+unicode-dev	0.6.17-1
rust-remove-dir-all	librust-remove-dir-all-dev	0.5.2-1
rust-ryu	librust-ryu-dev	1.0.2-1
rust-serde	librust-serde-dev	1.0.106-1
rust-serde	librust-serde+derive-dev	1.0.106-1
rust-serde-derive	librust-serde-derive-dev	1.0.106-1
rust-serde-json	librust-serde-json-dev	1.0.41-1
rust-shell-words	librust-shell-words-dev	1.0.0-1
rust-signal-hook	librust-signal-hook-dev	0.1.13-1
rust-signal-hook-registry	librust-signal-hook-registry-dev	1.2.0-1
rust-strsim	librust-strsim-dev	0.9.3-1
rust-structopt	librust-structopt-dev	0.3.20-1
rust-structopt	librust-structopt+color-dev	0.3.20-1
rust-structopt	librust-structopt+debug-dev	0.3.20-1
rust-structopt	librust-structopt+default-dev	0.3.20-1
rust-structopt	librust-structopt+lints-dev	0.3.20-1
rust-structopt	librust-structopt+no-cargo-dev	0.3.20-1
rust-structopt	librust-structopt+suggestions-dev	0.3.20-1
rust-structopt	librust-structopt+wrap-help-dev	0.3.20-1
rust-structopt-derive	librust-structopt-derive-dev	0.4.13-1
rust-syn	librust-syn-dev	1.0.12-1

rust-syn	librust-syn+default-dev	1.0.12-1
rust-syn	librust-syn+printing-dev	1.0.12-1
rust-syn	librust-syn+proc-macro-dev	1.0.12-1
rust-syn-mid	librust-syn-mid-dev	0.5.0-2
rust-syn-mid	librust-syn-mid+clone-impls-dev	0.5.0-2
rust-tempfile	librust-tempfile-dev	3.1.0-1
rust-term-size	librust-term-size-dev	0.3.1-2
rust-textwrap	librust-textwrap-dev	0.11.0-1
rust-textwrap	librust-textwrap+term-size-dev	0.11.0-1
rust-thread-local	librust-thread-local-dev	1.0.1-1
rust-tinytemplate	librust-tinytemplate-dev	1.0.3-1
rust-toml	librust-toml-dev	0.5.5-1
rust-unicode-segmentation	librust-unicode-segmentation-dev	1.6.0-1
rust-unicode-width	librust-unicode-width-dev	0.1.8-1
rust-unicode-xid	librust-unicode-xid-dev	0.2.0-1
rust-vec-map	librust-vec-map-dev	0.8.1-2
rust-vec-map	librust-vec-map+eders-dev	0.8.1-2
rust-vec-map	librust-vec-map+serde-dev	0.8.1-2
rust-version-check	librust-version-check-dev	0.9.2-1
rust-winapi	librust-winapi-dev	0.3.8-2
rust-winapi-i686-pc-windows-gnu	librust-winapi-i686-pc-windows-gnu-dev	0.4.0-1
rust-winapi-x86-64-pc-windows-gnu	librust-winapi-x86-64-pc-windows-gnu-dev	0.4.0-1
rustc	libstd-rust-1.65	1.65.0+dfsg0ubuntu1~llvm2-0ubuntu0.18.04+ci202302221324+astra5
smlar	postgresql-11-smlar	1.0.0-1astra4+ci9
syslog-ng-mod-astra	astra-event-diagnostics	0.3.20+ci4
syslog-ng-mod-astra	syslog-ng-mod-astra-docker	0.3.20+ci4
task	task	3.21.0-1
trnet	trnet-5.10	1.2.0
trnet	trnet-5.10-generic	1.2.0
trnet	trnet-5.10-hardened	1.2.0
trnet	trnet-5.10.176-1-generic	1.2.0
trnet	trnet-5.10.176-1-hardened	1.2.0
trnet	trnet-5.15	1.2.0
trnet	trnet-5.15-generic	1.2.0
trnet	trnet-5.15-hardened	1.2.0
trnet	trnet-5.15-lowlatency	1.2.0
trnet	trnet-5.15.0-70-generic	1.2.0
trnet	trnet-5.15.0-70-hardened	1.2.0
trnet	trnet-5.15.0-70-lowlatency	1.2.0
trnet	trnet-5.4	1.2.0
trnet	trnet-5.4-generic	1.2.0
trnet	trnet-5.4-hardened	1.2.0
trnet	trnet-5.4.0-110-generic	1.2.0
trnet	trnet-5.4.0-110-hardened	1.2.0
trnet-firmware	trnet-firmware	1.2.3
ucx	libucx-dev	1.10.1~rc1+really.1.10.0-1
ucx	libucx0	1.10.1~rc1+really.1.10.0-1

ucx	ucx-utils	1.10.1~rc1+really.1.10.0-1
umockdev	libumockdev0	0.12.1-2
umockdev	umockdev	0.12.1-2
unixodbc-gui-qt	libodbcinstq4-1	2.3.0-4
unixodbc-gui-qt	unixodbc-bin	2.3.0-4
weston	libweston-10-0	10.0.1-1
wv	libwv-1.2-4	1.2.9-4.2build1
wv	libwv-dev	1.2.9-4.2build1
wv	wv	1.2.9-4.2build1
xdebug	php7.3-xdebug	3.1.2+2.9.8+2.8.1+2.5.5-4
xdebug	php8.1-xdebug	3.1.2+2.9.8+2.8.1+2.5.5-4
xdp-tools	libxdp-dev	1.2.9-1~bpo11+1
xdp-tools	libxdp1	1.2.9-1~bpo11+1
zabbix	zabbix-agent2	1:6.0.7+dfsg-2~bpo11+5astra1
zxing-cpp	libzxing-dev	2.0.0-0astra1
zxing-cpp	libzxing3	2.0.0-0astra1

c		1.7.3
ald	ald-doc	1.7.88+ci4
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dpdk	librte-rcu21	20.11.5-1
dpdk	librte-regex-mlx5-21	20.11.5-1
dpdk	librte-regex-octeonx2-21	20.11.5-1
dpdk	librte-regexdev21	20.11.5-1
dpdk	librte-reorder21	20.11.5-1
dpdk	librte-rib21	20.11.5-1
dpdk	librte-ring21	20.11.5-1
dpdk	librte-sched21	20.11.5-1
dpdk	librte-security21	20.11.5-1
dpdk	librte-stack21	20.11.5-1
dpdk	librte-table21	20.11.5-1
dpdk	librte-telemetry21	20.11.5-1
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dpdk	librte-vdpa-ifc21	20.11.5-1
dpdk	librte-vdpa-mlx5-21	20.11.5-1

dpgk	librte-vhost21	20.11.5-1
heimdal	libcrypto4-heimdal	7.7.0+dfsg-3
heimdal	libroken18-heimdal	7.7.0+dfsg-3
intel-gmmlib	libgdgmm11	20.4.1+ds1-1
kdecoration	libkdecorations2private9	4:5.25.5-1
kirigami-addons	qml-module-org-kde-kirigamiaddons	0.2-astra1
kwallet-pam	libpam-kwallet4	4:5.19.5-0ubuntu1
kwin	kwin-wayland-backend-drm	4:5.25.5-1astra3
kwin	kwin-wayland-backend-virtual	4:5.25.5-1astra3
kwin	kwin-wayland-backend-wayland	4:5.25.5-1astra3
kwin	kwin-wayland-backend-x11	4:5.25.5-1astra3
kwin	libkwineffects13	4:5.25.5-1astra3
kwin	libkwinglutils13	4:5.25.5-1astra3
kwin	libkwinxrenderutils13	4:5.25.5-1astra3
libkscreen	libkf5screen7	4:5.25.4-1
libplacebo	libplacebo7	1.7.0-2
libreoffice	libreoffice-gtk	1:7.3.6-0ubuntu0.22.04.1~bpo20.04.1+ci202210040905+astra5
libreoffice	libreoffice-kde	1:7.3.6-0ubuntu0.22.04.1~bpo20.04.1+ci202210040905+astra5
libreoffice	libreoffice-officebean	1:7.3.6-0ubuntu0.22.04.1~bpo20.04.1+ci202210040905+astra5
libreoffice	libreoffice-pdfimport	1:7.3.6-0ubuntu0.22.04.1~bpo20.04.1+ci202210040905+astra5
libreoffice	libreoffice-style-hicontrast	1:7.3.6-0ubuntu0.22.04.1~bpo20.04.1+ci202210040905+astra5
libreoffice	libreoffice-style-human	1:7.3.6-0ubuntu0.22.04.1~bpo20.04.1+ci202210040905+astra5
openssh (1:7.4p1-10+deb9u6astra6se5)	openssh-client-ssh1	1:7.4p1-10+deb9u6astra6se5+b1
openssh (1:7.4p1-10+deb9u6astra6se5)	ssh-krb5	1:7.4p1-10+deb9u6astra6se5+b1
openvswitch	openvswitch-switch-dpdk	2.15.0+ds1-10astra1
pgpool2	libpgpool0	4.1.4-astrase2
php-raphf	php-raphf-dev	2.0.0+1.1.2-4
pmdk	libvmem-dev	1.5.1-1
pmdk	libvmem1	1.5.1-1
pmdk	libvmem1-debug	1.5.1-1
pmdk	libvmmalloc-dev	1.5.1-1
pmdk	libvmmalloc1	1.5.1-1
pmdk	libvmmalloc1-debug	1.5.1-1
pmix	libpmi-pmix-dev	3.1.2-3
pmix	libpmi1-pmix	3.1.2-3
pmix	libpmi2-pmix	3.1.2-3
poppler-22	libpoppler118	22.02.0-3
postgis	liblwgeom-2.5-0	2.5.1+dfsg-1
postgis	liblwgeom-dev	2.5.1+dfsg-1
postgis	postgis-gui	2.5.1+dfsg-1
postgis	postgresql-11-postgis-2.5	2.5.1+dfsg-1
postgis	postgresql-11-postgis-2.5-scripts	2.5.1+dfsg-1
python-hacking	python-hacking	1.1.0-2
python-rtslib-fb	python-rtslib-fb	2.1.66-2
python-rtslib-fb	python-rtslib-fb-doc	2.1.66-2
rpm	librpm8	4.14.2.1+dfsg1-1
rpm	librpm8build8	4.14.2.1+dfsg1-1

rpm	librpmio8	4.14.2.1+dfsg1-1
rpm	librpmsign8	4.14.2.1+dfsg1-1
rpm	python-rpm	4.14.2.1+dfsg1-1
rustc	libstd-rust-1.59	1.59.0+dfsg1~ubuntu1~llvm-1~ubuntu1~18.04.2+ci202206201237+astra4
usbredir	usbredirserver	0.8.0-1
weston	libweston-9-0	9.0.0-4astra1
weston	libweston-9-dev	9.0.0-4astra1
zxing-cpp	libzxingcore1	1.2.0-1

	<b>1.7.3</b>	<b>1.7.4</b>
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c		1.7.3.EXT.1	1.7.4
cloud-init	cloud-init	20.2-2~deb10u2+ci202202091833	22.2-1~bpo11+1+ci202212152255+astra2
gnome-desktop3 (3.30.2.1-2)	gir1.2-gnomedesktop-3.0	3.30.2.1-2+b1	3.30.2.1-2+b1
gnome-desktop3 (3.30.2.1-2)	gnome-desktop3-data	3.30.2.1-2+b1	3.30.2.1-2+b1
gnome-desktop3 (3.30.2.1-2)	libgnome-desktop-3-17	3.30.2.1-2+b1	3.30.2.1-2+b1
gnome-desktop3 (3.30.2.1-2)	libgnome-desktop-3-dev	3.30.2.1-2+b1	3.30.2.1-2+b1
golang-github-josharian-intern	golang-github-josharian-intern-dev	1.0.0-3	1.0.0-3
golang-github-mailru-easyjson	golang-easyjson	0.7.6-2	0.7.6-2
golang-github-mailru-easyjson	golang-github-mailru-easyjson-dev	0.7.6-2	0.7.6-2
golang-github-pborman-uuid	golang-github-pborman-uuid-dev	1.1-1	1.2.0-2
gtk2-engines-murrine	gtk2-engines-murrine	0.98.2-2+deb10u1	0.98.2-2+deb10u1
i2c-tools	i2c-tools	4.1-1	4.1-1
i2c-tools	libi2c-dev	4.1-1	4.1-1
i2c-tools	libi2c0	4.1-1	4.1-1
libgsf	gir1.2-gsf-1	1.14.45-1	1.14.47-1
libgsf	libgsf-1-114	1.14.45-1	1.14.47-1
libgsf	libgsf-1-common	1.14.45-1	1.14.47-1
libgsf	libgsf-1-dev	1.14.45-1	1.14.47-1
pyqt5	python3-pyqt5.qwebchannel-dbg	5.15.2+dfsg-0astra1	5.15.2+dfsg-0astra1
pyqt5webengine	python3-pyqt5.qwebengine	5.15.2-2+b1	5.15.6-0astra1
python-httpretty	python-httpretty	0.9.5-3	0.9.5-3
python-httpretty	python3-httpretty	0.9.5-3	0.9.5-3
python-pyelftools	python3-pyelftools	0.25-2	0.25-2
python-rednose	python-rednose	0.4.1-2	0.4.1-2
python-rednose	python3-rednose	0.4.1-2	0.4.1-2
python-sure	python-sure	1.2.5-5	1.2.5-5
python-sure	python3-sure	1.2.5-5	1.2.5-5
python-termstyle	python-termstyle	0.1.10-2	0.1.10-2
python-termstyle	python3-termstyle	0.1.10-2	0.1.10-2
spirv-tools	spirv-tools	2019.1-2	2020.6-1~bpo10+1