

Repology

Мониторинг пакетных репозиториев





О докладчике

Маракасов Дмитрий Александрович

- Почти 15 лет в F/OSS
- Стараюсь контрибутиль во всё что движется, коммитил в 200+ проектов
- FreeBSD ports committer с 2008 года, сделал 15k+ коммитов, сейчас поддерживаю около 380 портов

<https://amdi3.ru/>

amdi3@amdi3.ru

<https://github.com/AMDmi3>

telegram: @AMDmi3



Хотелки мантайнера

«поддерживаю около 380 портов»

- А все ли они в актуальном состоянии?
- А не упустил ли я что-то?
- А что бы ещё опакетить?
- А насколько вообще полон и актуален мой репозиторий?



Частное решение

Safari browser window showing a screenshot of the [portscout](https://portscout.freebsd.org/amdmi3@freebsd.org.html) page for user `amdmi3@freebsd.org`. The title bar says "portscout - amdmi3@freebsd.org's ports". The page content shows a table of ports with their details.

Port	Category	Current	New	Last Updated	Last Checked	M
fossology-nomos-standalone	devel	4.0.0	4.1.0	2022-05-20 02:36 GMT	2022-05-20 10:36 GMT	L
py-types-reguests	devel	2.27.25	2.27.27	2022-05-20 02:36 GMT	2022-05-20 13:40 GMT	G
90secondportraits	games	1.01b	1.01	2022-05-20 02:40 GMT	2022-05-20 03:30 GMT	L
DDNet	games	16.0.3	16.1	2022-05-20 02:39 GMT	2022-05-20 09:56 GMT	L
devilutionX	games	1.4	1.4.0	2022-05-20 02:38 GMT	2022-05-20 08:00 GMT	L
griels-quest	games	git20150512	v1.00	2022-05-20 02:38 GMT	2022-05-20 04:47 GMT	L
hexalate	games	1.2.0	1.2.1	2022-05-20 02:40 GMT	2022-05-20 14:11 GMT	G
ivan	games	0.59	v059	2022-05-20 02:39 GMT	2022-05-20 09:44 GMT	L
linwarrior	games	20100320	20101231	2022-05-20 02:38 GMT	2022-05-20 06:14 GMT	L
peg-e	games	1.3.0	1.3.1	2022-05-20 02:39 GMT	2022-05-19 04:30 GMT	G
pentobi	games	20.0	21.0	2022-05-20 02:40 GMT	2022-05-20 09:38 GMT	L
simsu	games	1.4.0	1.4.1	2022-05-20 02:40 GMT	2022-05-20 10:32 GMT	G
stratagus	games	3.2.0	2015-30-11	2022-05-20 02:40 GMT	2022-05-20 14:32 GMT	L
tetzel	games	2.2.0	2.2.1	2022-05-20 02:40 GMT	2022-05-19 15:31 GMT	G
widelands	games	1.0	build21	2022-05-20 02:40 GMT	2022-05-20 15:10 GMT	L
unrustify	textproc	0.75.1	push	2022-05-20 02:54 GMT	2022-05-20 08:22 GMT	L
mygui	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L
mygui-dummy	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L
mygui-ogre	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L
mygui-opengl	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L

Мониторинг релизов

- По наличию tarball'ов «следующей» версии
- По регулярным выражениям на сайтах
- По тэгам в VCS



Частное решение

https://portscout.freebsd.org/amdmi3@freebsd.org.html

portscout - amdmi3@freebsd.org's ports

Home | Restricted Ports

Port	Category	Current	New	Last Updated	Last Checked	M
fossology-nomos-standalone	devel	4.0.0	4.1.0	2022-05-20 02:36 GMT	2022-05-20 10:36 GMT	L
py-types-requests	devel	2.27.25	2.27.27	2022-05-20 02:36 GMT	2022-05-20 13:40 GMT	G
90secondportraits	games	1.01b	1.01	2022-05-20 02:40 GMT	2022-05-20 03:30 GMT	L
DDNet	games	16.0.3	16.1	2022-05-20 02:39 GMT	2022-05-20 09:56 GMT	L
devilutionX	games	1.4	1.4.0	2022-05-20 02:38 GMT	2022-05-20 08:00 GMT	L
griels-quest	games	git20150512	v1.00	2022-05-20 02:38 GMT	2022-05-20 04:47 GMT	L
hexalate	games	1.2.0	1.2.1	2022-05-20 02:40 GMT	2022-05-20 14:11 GMT	G
ivan	games	0.59	v059	2022-05-20 02:39 GMT	2022-05-20 09:44 GMT	L
linwarrior	games	20100320	20101231	2022-05-20 02:38 GMT	2022-05-20 06:14 GMT	L
peg-e	games	1.3.0	1.3.1	2022-05-20 02:39 GMT	2022-05-19 04:30 GMT	G
pentobi	games	20.0	21.0	2022-05-20 02:40 GMT	2022-05-20 09:38 GMT	L
simsu	games	1.4.0	1.4.1	2022-05-20 02:40 GMT	2022-05-20 10:32 GMT	G
stratagus	games	3.2.0	2015-30-11	2022-05-20 02:40 GMT	2022-05-20 14:32 GMT	L
tetzel	games	2.2.0	2.2.1	2022-05-20 02:40 GMT	2022-05-19 15:31 GMT	G
widelands	games	1.0	build21	2022-05-20 02:40 GMT	2022-05-20 15:10 GMT	L
unrustify	textproc	0.75.1	push	2022-05-20 02:54 GMT	2022-05-20 08:22 GMT	L
mygui	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L
mygui-dummy	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L
mygui-ogre	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L
mygui-opengl	x11-toolkits	3.4.0	mygui3.4.1	2022-05-20 02:59 GMT	2022-05-20 15:16 GMT	L

Мониторинг релизов

- По наличию tarball'ов «следующей» версии
- По регулярным выражениям на сайтах
- По тэгам в VCS
 - Не решает всех задач
 - Даёт ложные срабатывания
 - Не всегда видит релизы



Версия 0.0

Package	FreeBSD Ports	Debian Unstable	Gentoo
0ad	0.0.25b	0.0.25b	0.0.25b
0ad-data	-	0.0.25b	-
0dln	2.3	-	-
Overkill	0.16	-	0.16
0xfffff	-	0.9	-
1oom	-	1.0	-
1password-client	1.12.4	-	-
1password-client2	2.2.0	-	-
2048	0.9.1	0.20210105.1243	-
2048-qt	0.1.6	0.1.6	-
2bsd-diff	2.11.1	-	-
2bsd-vi	050325	-	-
2bwm	-	-	0.3
2d-rewriter	1.6	-	-
2fa	1.2.0	-	-
2ping	4.5.1	4.5	4.5.1
2vcard	-	0.6	-



Версия 0.1

Projects Maintainers Repositories Tools Security Admin News Docs

Projects

200 project(s) on this page		
Project	Spr	Newest
00-distro	1	0.00%
01editor	5	0.23% Outdated
0db-21	1	0.00%
0ad-e	30	0.20% Outdated alpha 19 alpha 18 alpha 17 alpha 16 alpha 15 alpha 14 alpha 13 alpha 12 alpha 11 alpha 10 alpha 9 alpha 8 alpha 7 alpha 6 alpha 5 alpha 4 alpha 3 alpha 2 alpha 1
0ad-boongui	1	0.00%
0ad-community-maps-2	1	0.00%
0ad-defensa-est	1	0.00%
0ad-zh-lang*	1	0.00%
0cc-famitracker	1	0.00%
0dtin	3	0.26% Outdated 0.00% Ignored
0install*	3	0.23% Outdated 0.00% Ignored
0racle*	3	0.12% Outdated 0.00% Ignored

Recent CVEs

Recent CVEs CPE bindings

This is a list of recently published in NVD vulnerabilities linked to Repology projects. You may see vulnerabilities for a given project under CVEs tab (only present when there are matching vulnerabilities), and missing bindings may be reported via Report tab.

Highlighted entries indicate matches due to recently (<1 week ago) added CPE bindings.

Create alert.

200 CVE(s) on this page, latest first		
CVE	Published	Project(s)
CVE-2021-34085	2022-05-11 21:15	mp3gain
CVE-2021-4306	2022-05-11 19:15	forticlient
CVE-2021-3611	2022-05-11 19:15	qemu
CVE-2022-1023	2022-05-11 18:15	eff
CVE-2022-1623	2022-05-11 18:15	eff
CVE-2022-1545	2022-05-11 18:15	gitlab
CVE-2022-1510	2022-05-11 18:15	gitlab
CVE-2022-1460	2022-05-11 18:15	gitlab
CVE-2022-1433	2022-05-11 18:15	gitlab
CVE-2022-1426	2022-05-11 18:15	gitlab
CVE-2022-1428	2022-05-11 18:15	gitlab
CVE-2022-1406	2022-05-11 18:15	gitlab
CVE-2022-1382	2022-05-11 18:15	gitlab
CVE-2022-1124	2022-05-11 18:15	gitlab

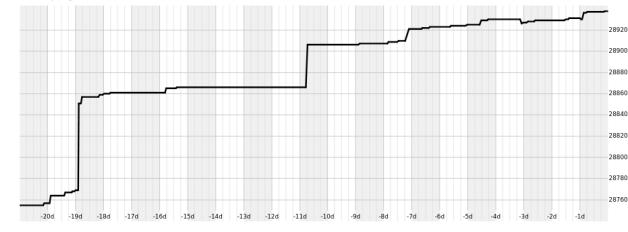
Top repositories

By total number of packaged projects		By number of non-unique ¹ packaged projects		By number of maintainers	
1. nix (nixpkgs unstable)	- 7211	1. nix (nixpkgs unstable)	- 60441	1. AUR - 12064	
2. AUR - 63905		2. AUR - 30820		2. Debian+derivs (Debian Testing)	- 4176
3. Debian+derivs (Debian Testing)	- 36627	3. Debian+derivs (Debian Testing)	- 27206	3. mx (mxvcs unstable)	- 2137
4. FreeBSD Ports - 28938		4. FreeBSD Ports - 24259		4. FreeBSD Ports - 1645	
5. Fedora (Fedora 34) - 22683		5. Fedora (Fedora 35) - 20124		5. SlackBuilds - 693	
6. Gentoo (Gentoo develop)	- 19761	6. Rosa (Rosa 2018.1) - 17820		6. Void Linux x86_64 - 690	
7. Arch Linux (Arch 1) - 18905		7. Gentoo (Gentoo develop)	- 16468	7. Gentoo (Gentoo stable) - 652	
8. GIMP (GIMP)	- 8834	8. ALT Sisyphus (ALT Linux p9)	- 14552	8. Alpine (Alpine Linux Edge)	- 542
9. ALT Sisyphus (ALT Linux p9)	- 17707	9. Mageia (Mageia 7) - 14077		9. Spark - 516	
10. pkgsrc current - 16223		10. MacPorts - 464			

By number of projects per maintainer ²		By number of projects with up to date packages		By percentage of up to date projects ²	
1. OpenVZ (OpenVZ 21.02 x86_64)	- 4.8	1. nix (nixpkgs unstable)	- 53792	1. Raspbian - 93.67%	
2. AUR - 5.3		2. FreeBSD Ports - 19811		2. Kali - 92.97%	
3. Debian+derivs (Ubuntu 22.04)	- 9.3	3. Debian+derivs (Debian Testing)	- 17922	3. Slackware (Slackware64 current) - 89.45%	
4. SlackBuilds - 11		4. AUR - 17258		4. Homebrew - 89.12%	
5. Void Linux x86_64 - 12.0		5. Fedora (Fedora Rawhide)	- 14560	5. CRUX (CRUX 3.0)	- 86.51%
6. Community GURU - 12.3		6. Community GURU - 11211		6. Arch Linux (Arch 1)	- 86.07%
7. Spack - 12.4		7. openSUSE (openSUSE Tumbleweed)	- 9671	7. openSUSE (openSUSE Tumbleweed)	- 85.45%
8. FreeBSD Ports - 17.6		8. ALT Sisyphus - 8934		8. Scoop - 84.69%	
9. Alpine (Alpine Linux 3.8)	- 21.3	9. pkgsrc current - 7878		9. nix (nixpkgs unstable)	- 83.87%
10. MacPorts - 25.9		10. Rosa (Rosa 2018.1) - 8569		10. homebrew Casks - 76.92%	

Graphs

Total projects



Newest projects



PostGIS and dependencies packaging status

	postgis	postgresql	geos	gdal	sfcgal	proj	protobuf-c
AUR	2.3.1	14.3	3.10.2	3.4.2	1.4.1	8.2.1	1.2.1
Astra Orel Stable	2.3.1	9.6.20	3.5.1	2.1.2	1.3.0	4.9.3	1.2.1
Debian 9	2.3.1	9.6.17	3.5.1	2.1.2	1.3.0	4.9.3	1.2.1
Debian 10	2.5.1	11.14	3.7.1	2.4.0	1.3.6	5.2.0	1.3.1
Debian 11	3.1.1	13.5	3.9.0	3.2.2	1.3.9	7.2.1	1.3.3
Debian 12	3.2.1	14.3	3.10.2	3.4.3	1.4.1	9.0.0	1.3.3
Debian Unstable	3.2.1	14.3	3.10.2	3.4.3	1.4.1	9.0.0	1.3.3
Deepin	2.5.1	11.14	3.7.1	2.4.0	1.3.6	5.2.0	1.3.11
Devuan 2.0	2.3.1	9.6.17	3.5.1	2.1.2	1.3.0	4.9.3	1.2.1
Devuan 3.0	2.5.1	11.14	3.7.1	2.4.0	1.3.6	5.2.0	1.3.1
Devuan 4.0	3.1.1	13.5	3.9.0	3.2.2	1.3.9	7.2.1	1.3.3
Devuan Unstable	3.2.1	14.3	3.10.2	3.4.3	1.4.1	9.0.0	1.3.3
DPorts	3.2.0	14.1	3.9.1	3.3.3	1.4.0	7.2.1	1.4.0
Fedora 33	3.0.3	12.8	3.8.1	3.1.4	1.3.10	6.3.2	1.3.3
Fedora 34	3.1.3	13.4	3.9.0	3.2.2	1.3.10	7.2.1	1.3.3
Fedora 35	3.1.4	13.4	3.9.2	3.3.3	1.4.0	8.2.1	1.4.0
Fedora 36	3.2.1	14.1	3.10.2	3.4.3	1.4.0	8.2.1	1.4.0
Fedora Rawhide	3.2.1	14.2	3.10.2	3.4.3	1.4.0	9.0.0	1.4.0



Как работает

1. Собираем информацию о пакетах со всех репозиториев



Как работает

```
% curl -s http://ftp.debian.org/debian/dists/sid/main/source/Sources.xz | xz -d
Package: 0ad
Binary: 0ad
Version: 0.0.25b-2
Maintainer: Debian Games Team <pkg-games-devel@lists.alioth.debian.org>
Uploaders: Vincent Cheng <vcheng@debian.org>, Ludovic Rousseau <rousseau@debian.org>
Build-Depends: autoconf, automake, cargo, cmake, debhelper-compat (= 12), dh-exec (>= 0.1), dpkg-dev (>=
1.15.5), libboost-dev (>= 1.57.0.1), libboost-filesystem-dev (>= 1.57.0.1), libcurl4-gnutls-dev (>= 7.32.0)
| libcurl4-dev (>= 7.32.0), libenet-dev (>= 1.3), libfmt-dev (>= 4.0.0), libgloox-dev (>= 1.0.10), libicu-
dev (>= 67.1-4~), libminiupnpc-dev (>= 1.6), libogg-dev, libopenal-dev, libpng-dev, libsdl2-dev (>= 2.0.5),
libsodium-dev (>= 1.0.14), libvorbis-dev, libwxgtk3.0-gtk3-dev, libxcursor-dev, libxml2-dev, llvm, pkg-
config, python3, rustc (>= 1.41), tzdata, zlib1g-dev (>= 1:1.2.3)
Architecture: amd64 arm64 armhf i386 kfreebsd-amd64 kfreebsd-i386
Standards-Version: 4.5.0
Format: 3.0 (quilt)
Files:
23efd51f7a648c7ea2c95f682c2f3750 2549 0ad_0.0.25b-2.dsc
71c5eec3afab6871115fc14783fa0a7b 75579956 0ad_0.0.25b.orig.tar.xz
538da96408a68f76d7729f228fe8456f 73524 0ad_0.0.25b-2.debian.tar.xz
Vcs-Browser: https://salsa.debian.org/games-team/0ad
Vcs-Git: https://salsa.debian.org/games-team/0ad.git
Checksums-Sha256:
af48663b5025ae1f199356980ee901a21bbc7b9d3c5230b1694967301b66e2e8 2549 0ad_0.0.25b-2.dsc
d70dcdf75f473a7d5c81432c3d9260926bf8d9dff5cd541796169497d1c522edd 75579956 0ad_0.0.25b.orig.tar.xz
a496120a2c88f413dce91584423a827324fcc1370960cdb1a13adc470a49dff6 73524 0ad_0.0.25b-2.debian.tar.xz
Homepage: https://play0ad.com/
Package-List:
0ad deb games optional arch=amd64,arm64,armhf,i386,kfreebsd-amd64,kfreebsd-i386
Directory: pool/main/0/0ad
Priority: source
Section: games
```



Как работает

1. Собираем информацию о пакетах со всех репозиториев

2. Нормализуем данные

- Объединяем пакеты в *проекты*
 - nginx + nginx-doc + nginx-dev + nginx-minimal → **nginx**
- Разделяем несвязанные проекты
 - clementine → **clementine-player** + **clementine-window-manager**
- Вычисляем upstream версии
 - 1.0.0-56.rc5.dev.git2abd837.module+el8.3.0+10171+12421f43 → **1.0.0-rc5**



Как работает

1. Собираем информацию о пакетах со всех репозиториев

2. Нормализуем данные

- Объединяем пакеты в *проекты*
 - nginx + nginx-doc + nginx-dev + nginx-minimal → **nginx**
- Разделяем несвязанные проекты
 - clementine → **clementine-player** + **clementine-window-manager**
- Вычленяем upstream версии
 - 1.0.0-56.rc5.dev.git2abd837.module+el8.3.0+10171+12421f43 → **1.0.0-rc5**

3. Сравниваем версии и проставляем статусы

- **1.0** < **1.1**



Как работает

1. Собираем информацию о пакетах со всех репозиториев

2. Нормализуем данные

- Объединяем пакеты в *проекты*
 - nginx + nginx-doc + nginx-dev + nginx-minimal → **nginx**
- Разделяем несвязанные проекты
 - clementine → **clementine-player** + **clementine-window-manager**
- Вычленяем upstream версии
 - 1.0.0-56.rc5.dev.git2abd837.module+el8.3.0+10171+12421f43 → **1.0.0-rc5**

3. Сравниваем версии и проставляем статусы

- **1.0** < **1.1**

4. Индекс, статистика, история, графики, атом фиды, уязвимости, проверка ссылок, badges, API, ...



Масштабы

- 354 репозитория
- 86 независимых пакетных инфраструктур
- 84 формата данных
- 3.6M пакетов
- 819K проектов



Масштабы

- Linux: Adélie, AlmaLinux, Alpine, ALT, Amazon Linux, antiX, AOSC, Apertis, Arch and AUR, Atrix, Ataraxia, BlackArch, Calculate, Carbs, CentOS, Chakra, CRUX, Debian, Deepin, Devuan, Distri, ELRepo, Endless OS, Entware-ng, EPEL, Exherbo, Fedora, Funtoo, Gentoo, Guix, GoboLinux, KaOS, KISS, LiGurOS, Maemo, Mageia, Manjaro, Mer Project, Mint, MX Linux, Nix, NOIR, openEuler, openmamba, OpenMandriva, openSUSE, OpenWrt, Parabola, Pardus, Parrot, PCLinuxOS, Pisi, PLD Linux, PureOS, Raspbian, RebornOS, Rocky Linux, Rosa, Sabayon, Salix, Siduction, SlackBuilds, Slackware, SliTaz, Software Collections, Solus, SparkyLinux, T2 SDE, Tails, Trisquel, UBI, Ubuntu, Void, yiffOS
- *BSD: DragonFly DPorts, FreeBSD ports, MidnightBSD Mports, OpenBSD packages, pkgsrc, Ravenports
- Дополнительные репозитории: Deb Multimedia, Gentoo overlays, KDE neon, MPR, OpenPKG, openSUSE additional repositories, PackMan, pacstall, Spack, UnitedRPMs, RPM Fusion, RPM Sphere, SageMath
- Другой *nix: AIX Open Source Packages, AIX Toolbox, HaikuPorts, Homebrew, HP-UX, IBM i, OpenIndiana, MacPorts, postmarketOS
- И не-*nix: Baulk, Chocolatey, ConanCenter, Cygwin, F-Droid, just-install, MSYS2 (msys2, mingw), Npackd, OS4Depot, ReactOS rapps, Scoop, Termux, Vcpkg, winget, YACP
- Коллекции модулей ЯП: Buckaroo, CPAN, CRAN, crates.io, GNU ELPA, Hackage, LuaRocks, MELPA, PyPI, RubyGems, Stackage
- Новостные сайты: DistroWatch, freshcode.club, libregamewiki
- Другие источники: Wikidata



(Online демонстрация)

- Проекты
 - Список проектов
 - Фильтры/поиск
 - Страницы проекта (версии, пакеты, срезы, история, CVEs, related, badges)
- Мантийнеры
 - Страница мантийнера
 - Список пакетов требующих обновления
 - Feed обновлений
 - Проблемы
- Репозитории
 - Список репозиториев
 - Графики, карта
 - Обновления, логи
 - Страница репозитория, графики
- Тренды
- Уязвимости



Демо: список проектов

Projects Maintainers Repositories Tools Security Admin News Docs

2

Projects

Name search e.g. "firefox" Go Advanced...

« 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z »

200 project(s) on this page

Project	Spr	Newest	Outdated	Ignored
00-dirtree	1	0000		
010editor	5	12.0.1 ⁵	11.0.1	
04b-21	1	1		
Oad*	30	alpha 25b ¹⁹	alpha 25 ⁴ alpha25.b ⁴ a25.b ⁵ alpha 24b ⁴ alpha 24 ⁴ a24.b ² alpha 23b ⁹ alpha 23 ⁵ 26504 ¹ 0.0.25.2 ¹ 0.0.25.1 ¹ 0.0.24.2 ¹ 0.0.23b~alpha ¹ alpha 22 ⁴ alpha 21 ⁶ alpha 20 ² alpha 19 ² alpha 18 ² alpha 17 ² alpha 16 ³ alpha 15 ² alpha 14 ¹ alpha 13 ¹ alpha 12 ¹ alpha 11 ¹ r24937-alpha ¹	0.0.23.2 ¹ 0.0.23.1 ¹ 0-r11339 ¹ r25860-alpha ¹
Oad-boongui	1	2.0.2		
Oad-community-maps-2	1	0.25.15		
Oad-delenda-est	1	0.25.0		
Oad-zh-lang*	1	a25.b		
Occ-famitracker	1	0.3.15.3		
Od1n	3	2.6	2.3	9999 260.c3023e9
Oinstall*	3	2.12.1	2.11 2.3 1.13	2.23.3 2.15.1



Демо: поиск/фильтры

Name search ↗

Maintainer

Category

In repo ▼

Not in repo ▼

Repositories

Families (spread)

Repositories newest

Families newest

Newest
 Outdated
 Problematic
 Potentially vulnerable
 Has related



Демо: страница проекта

Versions for xmoto

[Versions](#) [Packages](#) [Information](#) [History](#) [Related](#) [Badges](#) [Report](#)

101 package(s) known

Repository	Package name	Version	Category	Maintainer(s)
Adélie Linux current user	xmoto-lang	0.5.11	-	awilfox@adelielinux.org
Adélie Linux current user	xmoto-dbg	0.5.11	-	awilfox@adelielinux.org
Adélie Linux current user	xmoto-doc	0.5.11	-	awilfox@adelielinux.org
Adélie Linux current user	xmoto	0.5.11	-	awilfox@adelielinux.org
ALT Linux p9	xmoto	0.5.11	Games/Arcade	dans@altlinux.ru
ALT Linux p10	xmoto	0.5.11	Games/Arcade	dans@altlinux.ru
ALT Sisyphus	xmoto	0.5.11	Games/Arcade	dans@altlinux.ru
AUR	xmoto-git	0.6.1.r92.gec071bde	-	soloturn@aur
AUR	xmoto	0.6.1	-	soloturn@aur
Chocolatey	X-Moto	0.5.11.20170430	-	-
Debian 8 jessie/main	xmoto	0.5.11	games	pkg-games-devel@lists.alioth.debian.org, bdefreese@debian.org, little_miry@yahoo.es, skitt@debian.org, smimram@debian.org
Debian 9 stretch/main	xmoto	0.5.11	games	pkg-games-devel@lists.alioth.debian.org, bdefreese@debian.org, little_miry@yahoo.es, skitt@debian.org, smimram@debian.org
Debian 10 buster/main	xmoto	0.5.11	games	pkg-games-devel@lists.alioth.debian.org, bdefreese@debian.org, little_miry@yahoo.es, skitt@debian.org, smimram@debian.org
Debian 11	xmoto	0.6.1	games	pkg-games-devel@lists.alioth.debian.org, bdefreese@debian.org,



Демо: страницы проекта (пакеты)

Packages for xmoto

[Versions](#) [Packages](#) [Information](#) [History](#) [Related](#) [Badges](#) [Report](#)

101 package(s) known

xmoto	Adélie Linux current user
Summary: Challenging 2D motocross platform game	
Maintainer: awilfox@adelielinux.org	
License: GPL-2.0+	
Links(s): Upstream homepage <small>46</small> Package sources <small>46</small> Package recipe <small>46</small> Package recipe (raw) <small>46</small>	

xmoto-dbg	Adélie Linux current user
Summary: Challenging 2D motocross platform game (debug symbols)	
Maintainer: awilfox@adelielinux.org	
License: GPL-2.0+	
Links(s): Upstream homepage <small>46</small> Package sources <small>46</small> Package recipe <small>46</small> Package recipe (raw) <small>46</small>	

xmoto-doc	Adélie Linux current user
Summary: Challenging 2D motocross platform game (documentation)	
Maintainer: awilfox@adelielinux.org	
License: GPL-2.0+	
Links(s): Upstream homepage <small>46</small> Package sources <small>46</small> Package recipe <small>46</small> Package recipe (raw) <small>46</small>	

xmoto-lang	Adélie Linux current user
Summary: Languages for package xmoto	
Maintainer: awilfox@adelielinux.org	
License: GPL-2.0+	
Links(s): Upstream homepage <small>46</small> Package sources <small>46</small> Package recipe <small>46</small> Package recipe (raw) <small>46</small>	

xmoto	ALT Linux p9
	0.5.11 (0.5.11-alt2.r3421)
Summary: A challenging 2D motocross platform game.	
Maintainer: dans@altlinux.ru	
Category: Games/Arcade	
License: GPL	
Links(s): Upstream homepage <small>46</small> Package page <small>46</small> Package recipe <small>46</small> Package recipe (raw) <small>46</small> Package issue tracker <small>46</small>	

xmoto	ALT Linux p10
	0.5.11 (0.5.11-alt3.r3421)
Summary: A challenging 2D motocross platform game.	
Maintainer: dans@altlinux.ru	
Category: Games/Arcade	
License: GPL	
Links(s): Upstream homepage <small>46</small> Package page <small>46</small> Package recipe <small>46</small> Package recipe (raw) <small>46</small> Package issue tracker <small>46</small>	



Демо: страницы проекта (срезы)

Information for xmoto

[Versions](#) [Packages](#) [Information](#) [History](#) [Related](#) [Badges](#) [Report](#)

Versions

- [0.6.1.r92.gec071bde](#)
- [0.6.1](#) (19)
- [0.6.0](#)
- [0.5.12](#)
- [0.5.11.20170430](#)
- [0.5.11](#) (11)
- [0.5.10](#) (3)
- [0.5.9](#) (2)
- [0.5.5](#)
- [0.5.3](#)
- [0.3.4](#)

Package names

- X-Moto
- XMoto (2)
- x-moto (2)
- xmoto (25)
- xmoto-git

Repositories

- Adélie Linux current
- ALT Linux p9
- ALT Linux p10

Summaries

- 2D Motocross platform game
- 2D motocross platform game (3)
- 2D motocross platform game - data files
- A challenging 2D motocross platform game (4)
- A challenging 2D motocross platform game, where physics play an important role (2)
- A challenging 2D motocross platform game, where physics play an important role.
- A challenging 2D motocross platform game.
- A nice 2D motocross game
- Challenging 2D Motocross Platform Game
- Challenging 2D motocross platform game (2)
- Challenging 2D motocross platform game (debug symbols)
- Challenging 2D motocross platform game (documentation)
- Free and open source 2D motocross platform game
- Languages for package xmoto
- Motorcross game
- Obstacled race game
- Stunt cycle game with realistic physics
- X-Moto is a challenging 2D motocross platform game (2)
- challenging 2D motocross platform game
- video game

Maintainers

- 7c6f434c@mail.ru
- admins@pisilinux.org
- alex_word86@yahoo.com
- amdmi3@freebsd.org
- awilfox@adelielinux.org
- bdefreese@debian.org



Демо: страницы проекта (срезы+)

Homepage links

- [46](http://xmoto.sourceforge.net/) (3)
- [46](http://xmoto.tuxfamily.org/) (12)
- [46](https://github.com/xmoto/xmoto) (2)
- [46](https://xmoto.tuxfamily.org/) (15)

Repository links

- [46](https://github.com/xmoto/xmoto)
- [46](https://svn.tuxfamily.org/viewvc.cgi/xmoto_xmoto/)

Documentation links

- [46](https://wiki.xmoto.tuxfamily.org/)

All package recipes

- [46](https://abf.io/import/xmoto/blob/rosa2014.1/xmoto.spec)
- [46](https://abf.io/import/xmoto/blob/rosa2016.1/xmoto.spec)
- [46](https://abf.io/import/xmoto/blob/rosa2019.1/xmoto.spec)
- [46](https://aur.archlinux.org/cgit/aur.git/tree/PKGUILD?h=xmoto)
- [46](https://aur.archlinux.org/cgit/aur.git/tree/PKGUILD?h=xmoto-git)
- [46](https://build.opensuse.org/package/view_file/games/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Factory/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Leap:15.0:Update/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Leap:15.1:Update/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Leap:15.2:Update/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Leap:15.3:Update/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Leap:15.4:Update/xmoto/xmoto.spec?expand=1)
- [46](https://build.opensuse.org/package/view_file/openSUSE:Leap:42.3:Update/xmoto/xmoto.spec?expand=1)
- [46](https://cgit.freebsd.org/ports/plain/games/xmoto/Makefile)
- [46](https://git.adelielinux.org/adelielinux/packages/-/blob/master/user/xmoto/APKBUILD)
- [46](https://git.pld-linux.org/?p=packages/xmoto.git;a=blob;f=xmoto.spec;hb=HEAD)
- [46](https://git.savannah.gnu.org/cgit/guix.git/tree/gnu/packages/games.scm#n11694)
- [46](https://github.com/Calinou/scoop-games/blob/master/bucket/xmoto.json)
- [46](https://github.com/funtoo/games-kit/blob/1.4-release/games-sports/xmoto/xmoto-0.5.11-r2.ebuild)



Демо: страницы проекта (срезы++)

Downloads

- [46](http://download.tuxfamily.org/xmoto/svg2lvl/0.7.0/inks moto-0.7.0.tar.gz)
- [46](http://download.tuxfamily.org/xmoto/xmoto/0.3.4/xmoto-0.3.4-src.tar.gz)
- [46](http://download.tuxfamily.org/xmoto/xmoto/0.5.11/xmoto-0.5.11-src.tar.gz)
- [46](http://download.tuxfamily.org/xmoto/xmoto/0.5.11/xmoto-0.5.11-win32.zip)
- [46](http://download.tuxfamily.org/xmoto/xmoto/0.5.3/xmoto-0.5.3-src.tar.gz)
- [46](http://download.tuxfamily.org/xmoto/xmoto/dev/xmoto-0.5.12-src-svn3427.tar.gz)
- [46](https://github.com/xmoto/xmoto)
- [46](https://github.com/xmoto/xmoto/archive/0.6.1.tar.gz)
- [46 \(2\)](https://github.com/xmoto/xmoto/archive/0.6.1/xmoto-0.6.1.tar.gz)
- [46](https://github.com/xmoto/xmoto/releases/download/0.6.1/xmoto-0.6.1.dmg)
- [46](mirror://debian/pool/main/x/xmoto/xmoto_0.5.11+dfsg-7.debian.tar.xz)

Patches

- [46](https://github.com/haikuports/haikuports/blob/master/games-sports/xmoto/patches/xmoto-0.6.1.patchset)



Демо: страницы проекта (история)

History for uncrustify

[Versions](#) [Packages](#) [Information](#) [History](#) [Badges](#) [Report](#)

Please note that this history is still an experimental feature and may be reset at any time.

Also note that in addition to actual activity of software authors and repository maintainers, this history may contain artifacts produced by repology. For example, if two projects are merged it will look like one project has appeared in more repositories and another one removed from all repositories.

[Enable](#) autorefresh.

Date	Event
2022-05-19 00:05	ConanCenter has caught up with the newest version
2022-05-18 15:53	openSUSE Tumbleweed has caught up with the newest version
2022-05-16 23:02	FreeBSD Ports has caught up with the newest version
2022-05-16 01:28	Homebrew has caught up with the newest version
2022-05-15 16:41	Alpine Linux Edge , Fedora Rawhide have caught up with the newest version
2022-05-15 06:21	Chocolatey has caught up with the newest version
2022-05-14 16:02	Newest version updated to 0.75.1 by Scoop
2022-05-12 11:42	Scoop has caught up with the newest version
2022-05-10 12:49	nixpkgs unstable has caught up with the newest version
2022-05-10 02:04	FreeBSD Ports has caught up with the newest version
2022-05-06 23:04	Alpine Linux Edge has caught up with the newest version
2022-05-06 17:29	Fedora Rawhide has caught up with the newest version
2022-05-06 13:15	Chocolatey has caught up with the newest version
2022-05-05 21:10	Homebrew has caught up with the newest version
2022-05-05 20:12	Newest version updated to 0.75.0 by Scoop
2022-04-30 01:31	LiGurOS stable has caught up with the newest version



Демо: страницы проекта (CVE)

Vulnerabilities for openexr

[Versions](#) [Packages](#) [Information](#) [History](#) [CVEs](#) [Related](#) [Badges](#) [Report](#)

CVE ID	CPE	Affected version(s)
CVE-2021-20302 2022-03-04T18:15Z 2022-03-17T01:11Z	vendor openexr product openexr	(..., 2.5.4)
CVE-2021-20303 2022-03-04T18:15Z 2022-03-10T19:15Z	vendor openexr product openexr	(..., 2.5.4)
CVE-2021-23169 2021-06-08T12:15Z 2021-12-01T18:12Z	vendor openexr product openexr	(..., 3.0.1)
CVE-2021-23215 2021-06-08T12:15Z 2021-12-01T18:26Z	vendor openexr product openexr	(..., 3.0.1)
CVE-2021-26260 2021-06-08T12:15Z 2021-12-01T18:26Z	vendor openexr product openexr	(..., 3.0.1)
CVE-2021-26945 2021-06-08T12:15Z 2021-06-11T18:41Z	vendor openexr product openexr	(..., 3.0.1)
CVE-2021-45942 2022-01-01T01:15Z 2022-04-26T15:35Z	vendor openexr product openexr	[3.1.0, 3.1.4]

Демо: страницы проекта (связи)

Related for openexr

[Versions](#) [Packages](#) [Information](#) [History](#) [CVEs](#) [Related](#) [Badges](#) [Report](#)

Related projects are determined by recursively matching package homepage URLs. Note that this list may be incomplete as Repology may not be able to get homepage URLs from some repositories.

4 project(s) on this page

Project	Spr	Newest	Outdated	Ignored	Rank
openexr*	45	3.1.5 ²⁰	3.1.4 ⁹ 3.1.3 ⁶ 3.1.2 ⁵ 3.1.1 ³ 3.0.5 ² 3.0.4 ² 2.5.8 ⁴ 2.5.7 ¹¹ 2.5.6 ⁶ 2.5.5 ⁶ 2.5.4 ⁶ 2.5.3 ⁶ 2.5.2 ² 2.5.0 ¹ 2.4.2 ² 2.4.1 ⁵ 2.4.0 ² 2.3.0 ¹¹ 2.2.1.4 ¹⁰ 2.2.1 ¹⁵ 2.2.0 ³ 2.1.0 ³ 2.0.1 ² 1.7.1 ² 1.7.0 ¹ 1.6.1 ² 1.4.0 ¹ 1.0.3 ² 1.0.2 ² 1.0.1 ² 0 ¹	3.0.0.beta.r7.ge46ac0a7	100.0
openexr-viewers*	8	2.3.0 ⁴	2.2.1 ³ 2.2.0 ² 1.0.1 ⁰		94.63
imath*	27	3.1.5 ¹⁸	3.1.4 ¹⁰ 3.1.3 ⁷ 3.1.2 ²		93.98
imath30*	1	3.0.5			86.2



Демо: страницы проекта (badges)

Badges for xmoto

[Versions](#) [Packages](#) [Information](#) [History](#) [Related](#) [Badges](#) [Report](#)

Vertical badge

This badge shows versions and up to date status of this project in all known repositories.

Packaging status	
Adélie Linux current	0.5.11
ALT Linux p9	0.5.11
ALT Linux p10	0.5.11
ALT Sisyphus	0.5.11
AUR	0.6.1
Chocolatey	0.5.11.201...
Debian 8	0.5.11
Debian 9	0.5.11
Debian 10	0.5.11
Debian 11	0.6.1
Debian 12	0.6.1
Debian Unstable	0.6.1
Deepin	0.5.11
Devuan 1.0	0.5.11
Devuan 2.0	0.5.11
Devuan 3.0	0.5.11
Devuan 4.0	0.6.1
Devuan Unstable	0.6.1
Exherbo	0.5.3
Fedora 26	0.5.11
Fedora 27	0.5.11
Fedora 28	0.5.11
Fedora 29	0.5.11



Демо: страницы проекта (badges)



Download

Okular is available as a precompiled package in a wide range of platforms. You can check the package status for your Linux distro on the right or keep reading for info on other operating systems



Linux

Okular is already available on majority of Linux distributions. It can be installed directly from [Discover](#), [GNOME Software](#) or your distribution's [software store](#).



Flatpak

You can install the latest [Okular flatpak](#) from Flathub. Experimental flatpaks with nightly builds of Okular can be [installed from the KDE Flatpak repository](#).



Release Sources

Okular is released regularly as part of KDE Gear. If you want to build from source, you can check the [Build It section](#).



Windows

The [Microsoft Store](#) is the recommended place to install Okular, the version there has been tested by our developers and the Microsoft Store provides seamless updates when new versions are released. If for some strange reason you can't use the Microsoft Store you can try the stable version from [release nightly build](#). There are also [experimental nightly builds](#), for which testing and bug reports would be welcome.

Packaging status	
Adélie Linux current	20.08.1
Alpine Linux 3.11	19.08.3
Alpine Linux 3.12	20.04.2
Alpine Linux 3.13	20.12.3
Alpine Linux 3.14	21.04.2
Alpine Linux 3.15	21.08.3
Alpine Linux Edge	22.04.0
ALT Linux p9	20.12.3
ALT Linux p10	21.12.3
ALT Sisyphus	21.12.3
AOSC	21.12.3
Arch	22.04.1
Arch Linux 32 i686	21.12.2
Arch Linux 32 pentium4	21.12.2
Arch Linux ARM aarch64	22.04.1
Arch Linux ARM armv7h	22.04.1
ArchPOWER powerpc	21.12.3
ArchPOWER powerpc64le	21.12.3
ArchPOWER riscv64	21.12.3
AUR	21.07.70_...
Artix	22.04.1
Astra Orel Stable	20.08.3
CentOS 7	4.10.5
Chocolatey	22.04.1



Демо: поиск мантийнера

Projects Maintainers Repositories Tools Security Admin News Docs

Maintainers

Projects in "most active" repo							Projects in all repos	Known for
Maintainer	Most active in	Total	Newest	Outdated	Problematic			
amdm3@amdm3.ru	PyPI ⁺¹	3	3	100.0%	-	-	5	more than a year
amdm3@freebsd.org	FreeBSD Ports ⁺¹	382	366	95.8%	10	2.6%	386	4 years



Демо: страница мантайнера

Maintainer **amdmi3@freebsd.org**

Contact

- E-Mail: amdmi3@freebsd.org

Repository activity



Repository	Packages	Total	Projects				
			Newest	Outdated	Problematic	Potentially vulnerable	
FreeBSD Ports	400	382	366	95.8%	10	2.6%	-
DPorts	384	366	279	76.2%	83	22.7%	-
Total	784	386	366	94.8%	83	21.5%	-

Демо: список требующих обновления пакетов для мантайнера

10 project(s) on this page

Project	Selected	Spr	Newest	Outdated	Ignored
hexalate	1.2.0	15	1.2.1	1.2.0 ⁶ 1.1.6 ⁵ 1.1.5 ³ 1.1.4 ³ 1.1.3 1.1.2 1.1.1 ² 1.1.0 ² 1.0.3 1.0.2 ² 1.0.1 ²	
mari0	1.6.2	12	1006	1.6.2 ⁶ 1.6 ⁵	
mygui	3.4.0	22	3.4.1 ¹⁴	3.4.0 ⁷ 3.2.3.20190707 3.2.3~git 3.2.2 ⁷ 3.2.1 ² 3.2.0 ³	3.4.2.a238876f5 3.2.3.git20160322
ois	1.2.0	27	1.5.1 ¹¹	1.5 ⁴ 1.5.0 1.4 1.3 ⁸ 1.3.0 ⁵ 1.2.0 cvs	
peg-e	1.3.0	13	1.3.1	1.3.0 ⁵ 1.2.8 ⁷ 1.2.7 ² 1.2.6 ² 1.2.5 1.2.4 1.2.3 1.2.2 ² 1.2.1 1.1.2 1.1.0	
pentobi	20.0	12	21.0 ²	20.0 ⁵ 19.1 19.0 18.5 ² 18.4 18.3 ² 18.1 17.3 16.3 16.2.1 16.2 14.1 12.2 11.0 9.0 8.2 7.2	18.3.r129.ge10599e9
python:pyglet*	1.5.24	23	2.0.dev16 1.5.26	2.0.dev15 2.0.dev14 2.0.dev13 2.0.dev12 2.0.dev11 2.0.dev10 2.0.dev9 2.0.dev8 2.0.dev7 2.0.dev6 2.0.dev5 2.0.dev4 2.0.dev3 2.0.dev2 2.0.dev1 2.0.dev0 2.0a4 2.0a3 2.0a2 2.0a1 15.24 ³ 15.23 ⁵ 1.5.21 ⁵ 1.5.16 ² 1.5.14 1.5.11 ² 1.5.0 1.4.11 1.4.10 ³ 1.4.9 1.4.6 1.4.5 1.4.4 1.4.2 ² 1.4.1 1.3.2 ⁵ 1.3.1 ² 1.3.0 ² 1.2.4 ⁴ 1.2.1 1.1.4 ³ 1.1.4.dfsg	r5378.65b862d3 r3313.f388bbe83f4e
python:types-requests*	2.27.25	7	2.27.27	2.27.26 2.27.25 2.27.20 2.27.16 2.27.15 2.27.0 2.26.3 2.26.1 2.26.0	
simsu	1.4.0	14	1.4.1 ³	1.4.0 ⁵ 1.3.9 ⁴ 1.3.7 1.3.6 1.3.4 ² 1.3.3 1.2.3	
tetze	2.2.0	14	2.2.1 ³	2.2.0 ³ 2.1.6 ⁵ 2.1.5 ² 2.1.4 2.1.3 ³ 2.1.2 2.1.1 2.1.0 2.0.3 ² 2.0.2.1 ² 2.0.0 ²	





Демо: страница мантийнера

Maintainer amdmi3@freebsd.org

Contact

- E-Mail: amdmi3@freebsd.org

Repository activity

Repository	Packages	Total	Newest		Outdated		Problematic	Potentially vulnerable	Other lists	Feeds
			Newest	Outdated	Outdated	Outdated				
FreeBSD Ports	400	382	366	95.8%	10	2.6%	-	2	0.52%	HCO LN * U Problems
DPorts	384	366	279	76.2%	83	22.7%	-	4	1.09%	HCO LN * U Problems
Total	784	386	366	94.8%	83	21.5%	-	4	1.04%	HCO LN * U



Демо: фид обновлений для мантийнера

Feed for [amdmi3@freebsd.org](#) in FreeBSD Ports

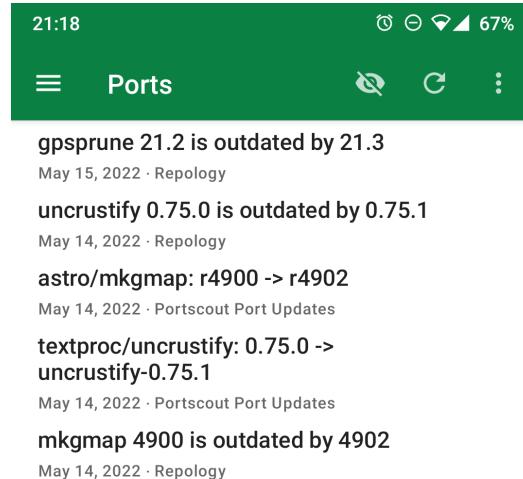
This feed is also available in [atom](#) format

[Enable](#) autorefresh.

Date	Event
2022-05-20 09:12	python:pyglet 1.5.24 is outdated by 2.0.dev16 1.5.26
2022-05-19 22:55	devilutionx 1.4 is now up to date
2022-05-19 22:55	devilutionx was added to FreeBSD Ports and/or assigned to amdmi3@freebsd.org
2022-05-18 18:31	pentobi 20.0 is outdated by 21.0
2022-05-18 06:12	mario 1.6.2 is outdated by 1006
2022-05-17 19:19	tiled 1.8.5 is now up to date
2022-05-17 01:31	python:types-requests 2.27.25 is outdated by 2.27.26
2022-05-16 23:02	gpsprune 21.3 is now up to date
2022-05-16 23:02	minetest 5.5.1 is now up to date
2022-05-16 23:02	minetest-game 5.5.1 is now up to date
2022-05-16 23:02	mkgmap 4902 is now up to date
2022-05-16 23:02	uncrustify 0.75.1 is now up to date
2022-05-16 03:53	minetest 5.5.0 is outdated by 5.5.1



Демо: обновления в RSS читалке





Демо: страница мантийнера

Maintainer amdmi3@freebsd.org

Contact

- E-Mail: amdmi3@freebsd.org

Repository activity

Repository	Packages	Total	Newest		Outdated		Problematic	Potentially vulnerable	Other lists	Feeds	Projects ↗
			366	95.8%	10	2.6%					
FreeBSD Ports	400	382	366	95.8%	10	2.6%	-	2	0.52%	HCO LN * U Problems	html , atom
DPorts	384	366	279	76.2%	83	22.7%	-	4	1.09%	HCO LN * U Problems	html , atom
Total	784	386	366	94.8%	83	21.5%	-	4	1.04%	HCO LN * U	



Демо: проблемы

Problems for proxy-maint@gentoo.org in Gentoo

«« « » »»

Project	Package name	Problem
3proxy	net-proxy/3proxy	CPE information is missing for this package, while repository defines it for other packages. Suggested CPEs (as per known CVEs): <small>vendor product 3proxy 3proxy</small>
adcli	app-crypt/adcli	Homepage link https://gitlab.com/https://gitlab.freedesktop.org/realmd/adcli is dead (HTTP 503) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
alpine	mail-client/alpine	CPE information is missing for this package, while repository defines it for other packages. Suggested CPEs (as per known CVEs): <small>vendor product alpine_project alpine</small>
amdgpu-pro-amf	media-video/amdgpu-pro-amf	Homepage link https://www.amd.com/en/support is dead (Connect timeout (60 seconds)) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
amdgpu-pro-amf	media-video/amdgpu-pro-amf	Homepage link https://www.amd.com/en/support is dead (Connect timeout (60 seconds)) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
amdgpu-pro-amf	media-video/amdgpu-pro-amf	Homepage link https://www.amd.com/en/support is dead (Connect timeout (60 seconds)) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
amdgpu-pro-vulkan	media-libs/amdgpu-pro-vulkan	Homepage link https://www.amd.com/en/support is dead (Connect timeout (60 seconds)) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
amdgpu-pro-vulkan	media-libs/amdgpu-pro-vulkan	Homepage link https://www.amd.com/en/support is dead (Connect timeout (60 seconds)) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
amdgpu-pro-vulkan	media-libs/amdgpu-pro-vulkan	Homepage link https://www.amd.com/en/support is dead (Connect timeout (60 seconds)) for more than a month and should be replaced by alive link (or link to archive.org as a last resort).
apache-spark	sys-cluster/spark-bin	CPE information is missing for this package, while repository defines it for other packages. Suggested CPEs (as per known CVEs): <small>vendor product apache spark</small>



Демо: репозитории

Projects Maintainers **Repositories** Tools Security Admin News Docs

Repository statistics

Statistics Packages Graphs Updates Fields

Total projects known to repology: **231588**, total individual packages: **3587769**.

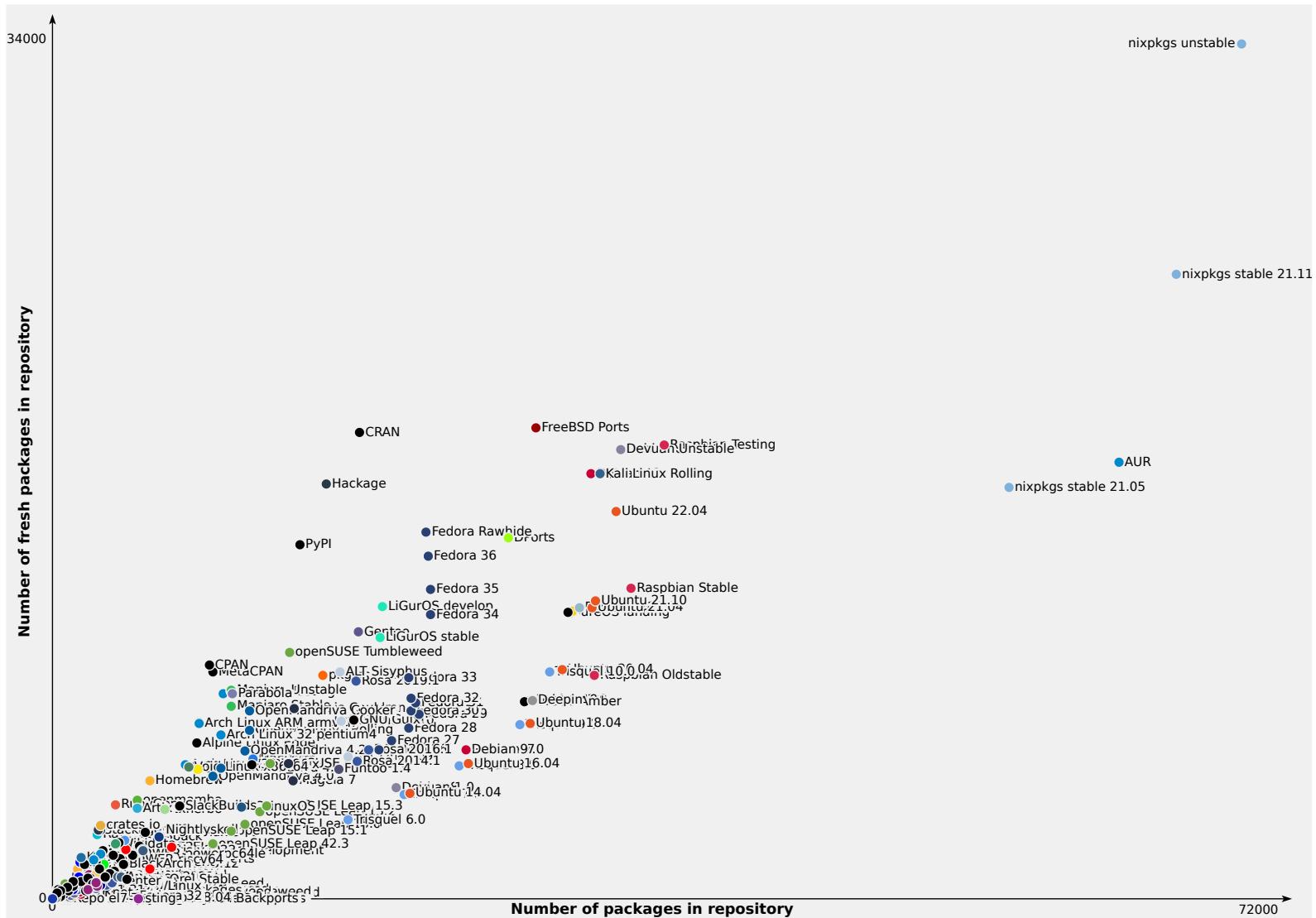
Note that sum of columns does not need to match total count, as there may be packages with different status for a single project in a repository. Percentages are also calculated differently.

Enable autorefresh.

Sort by ▾

Projects														
Repository	Total	N/u	Newest		Outdated		Unique		Problematic		Potentially vulnerable	Maintainers	Problems	
Adélie Linux current	2144	2119	805	38.1%	1303	61.7%	25	1.2%	4	0.2%	188	8.77%	19	71
AIX Open Source Packages	1012	990	302	30.6%	681	69.1%	22	2.2%	6	0.6%	256	25.3%	?	0
AIX Toolbox	493	477	75	15.7%	402	84.3%	16	3.2%	0	0.0%	153	31.03%	3	123
AlmaLinux 8	2464	2395	567	23.8%	1805	75.9%	69	2.8%	20	0.8%	290	11.77%	3	816
Alpine Linux 3.8	3173	2979	788	26.2%	2214	73.6%	194	6.1%	9	0.3%	427	13.46%	149	1042
Alpine Linux 3.9	3218	3022	826	27.1%	2212	72.6%	196	6.1%	11	0.3%	415	12.9%	155	1009
Alpine Linux 3.10	3319	3122	943	30.0%	2190	69.7%	197	5.9%	15	0.5%	408	12.29%	178	924
Alpine Linux 3.11	3734	3547	1072	30.1%	2480	69.6%	187	5.0%	17	0.5%	385	10.31%	185	753
Alpine Linux 3.12	4335	4129	1315	31.8%	2807	67.9%	206	4.8%	20	0.5%	344	7.94%	217	364
Alpine Linux 3.13	4809	4576	1690	36.9%	2876	62.9%	233	4.8%	19	0.4%	295	6.13%	232	284
Alpine Linux 3.14	5248	4976	2071	41.9%	2860	57.9%	272	5.2%	32	0.6%	245	4.67%	259	259

Демо: репозитории





Демо: репозитории (обновления)

Update status

Statistics Packages Graphs Updates Fields

A brief explanation of update process: each repository is updated in two phases: *fetch* (⬇), which only involves downloading new data, then *parse* (↗), which involves converting upstream format into Repology packages and applying transformation rules. Each phase may fail independently. Also, fetch phase may return no new data (⤳) (e.g. HTTP 403 not modified, no new git commits etc.), in which case parse phase may be skipped as long as the ruleset hasn't changed either. Note that actual database update happens only after trying to fetch and parse all the repositories, so there's additional delay between times shown on this page and actual website update.

Enable autorefresh.

Repository	Last fetch	Last parse	Last failure	History (oldest → latest)
Adélie Linux current	56m ago	56m ago	24d ago, 1 err	
AIX Open Source Packages	56m ago	56m ago	3d ago, 1 err	
AIX Toolbox	56m ago	56m ago	6d ago, 1 err	
AlmaLinux 8	56m ago, 1 err	56m ago, 6 err	56m ago, 1 err	
Alpine Linux 3.8	55m ago	55m ago, 4 warn	-	
Alpine Linux 3.9	55m ago	55m ago, 4 warn	-	
Alpine Linux 3.10	55m ago	55m ago, 4 warn	-	
Alpine Linux 3.11	55m ago	55m ago, 4 err, 2 warn	-	
Alpine Linux 3.12	55m ago	55m ago, 11 err	-	
Alpine Linux 3.13	55m ago	55m ago	-	
Alpine Linux 3.14	55m ago	55m ago, 1 err	-	
Alpine Linux 3.15	55m ago	55m ago, 6 err	-	





Демо: репозитории (лог обновления)

Log viewer: successful parse for ALT Sisyphus

Started: 2022-05-20 21:25:55 (54 minutes ago)

Finished: 2022-05-20 21:26:04 (54 minutes ago)

Run time: 9s

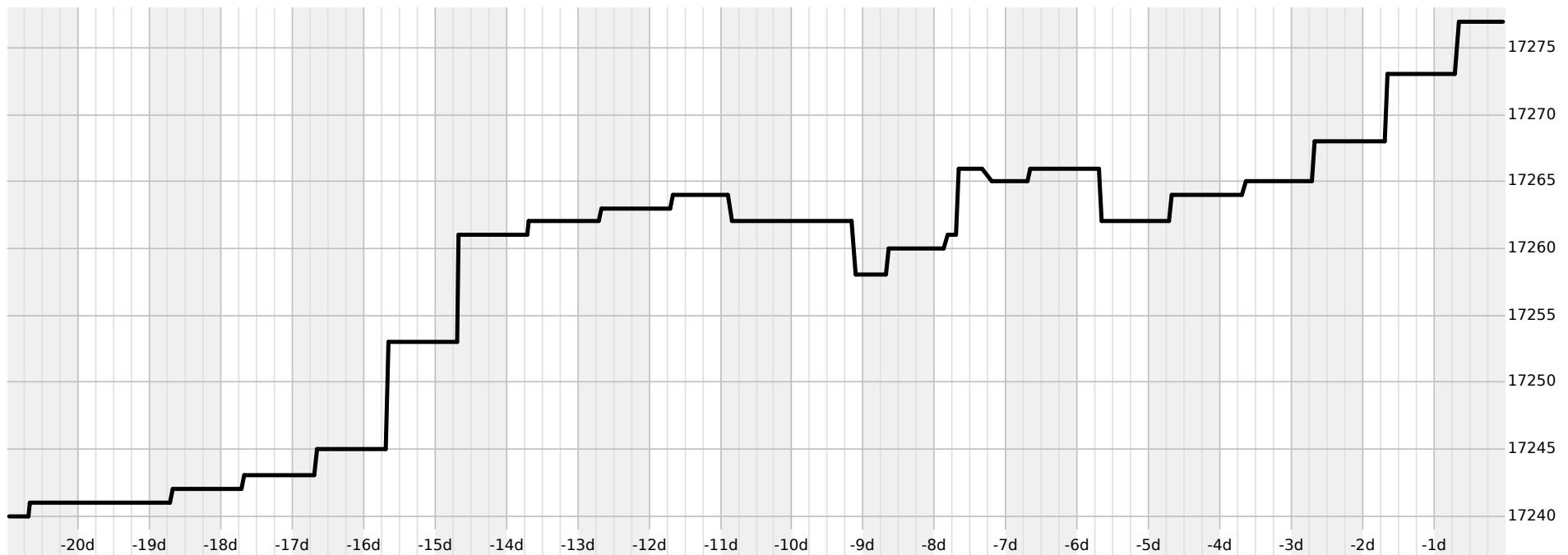
Lines: 18

Warnings: 0

Errors: 14

```
2022-05-20 21:25:55 parsing started
2022-05-20 21:25:55 parsing source sisyphus started
2022-05-20 21:25:57 dict-jargon: ERROR: link: "www.jargon.org" does not look like an URL (schema missing)
2022-05-20 21:25:57 dict-slovnyk_be-en: ERROR: link: "rsync://dictd.xdsl.by/dicts" unsupported URL schema
2022-05-20 21:25:57 dict-slovnyk_en-be: ERROR: link: "rsync://dictd.xdsl.by/dicts" unsupported URL schema
2022-05-20 21:25:57 dict-slovnyk_en-ru: ERROR: link: "rsync://dictd.xdsl.by/dicts" unsupported URL schema
2022-05-20 21:25:57 dict-slovnyk_en-uk: ERROR: link: "rsync://dictd.xdsl.by/dicts" unsupported URL schema
2022-05-20 21:25:57 dict-slovnyk_ru-en: ERROR: link: "rsync://dictd.xdsl.by/dicts" unsupported URL schema
2022-05-20 21:25:57 dict-slovnyk_uk-en: ERROR: link: "rsync://dictd.xdsl.by/dicts" unsupported URL schema
2022-05-20 21:25:58 tray_mixer_plus: ERROR: link: "forum.altlinux.org" does not look like an URL (schema missing)
2022-05-20 21:25:58 task-edu: ERROR: link: "https://www.altlinux.org/Education" does not look like an URL (schema missing)
2022-05-20 21:25:58 task-rutoken: ERROR: link: "http://www.rutoken.ru" does not look like an URL (schema missing)
2022-05-20 21:26:00 bwping: ERROR: link: "bwping.sourceforge.net" does not look like an URL (schema missing)
2022-05-20 21:26:00 fonts-type1-urw-tex: ERROR: link: "none" does not look like an URL (schema missing)
2022-05-20 21:26:00 host2cat: ERROR: link: "www.netpolice.ru" does not look like an URL (schema missing)
2022-05-20 21:26:01 mythes-el: ERROR: link: "wiki.services.openoffice.org/wiki/Dictionaries" does not look like an URL (schema missing)
2022-05-20 21:26:04 parsing source sisyphus complete
2022-05-20 21:26:04 parsing complete, 17604 packages
```

Демо: репозитории (графики)





Демо: тренды

Projects Maintainers Repositories **Tools** Security Admin News Docs

Trending projects

Trending past month

Change	Project	Last change ago
▲ 7	qtdg-tools*	2 days
▲ 6	harec*	15 hours
▲ 6	bzip3	2 days
▲ 6	xdg-desktop-portal-lxqt*	5 days
▲ 5	kalendar*	4 days
▲ 5	python:hatch-vcs*	10 days
▲ 4	python:editables	5 hours
▲ 4	libspectbleach	2 days
▲ 4	skanpage*	2 days
▲ 4	perl:parse-distname*	3 days
▲ 4	python:versioningit	7 days

Declining past 3 months

Change	Project	Last change ago
▼ 4	kalarmcal*	12 days
▼ 3	plasma-phone-components*	a day
▼ 3	midori*	8 days
▼ 3	emacs:flymake-rest	9 days
▼ 3	python:language-server*	43 days
▼ 2	jbidwatcher	9 hours
▼ 2	dotnet*	2 days
▼ 2	flow*	8 days
▼ 2	python:unittest2*	18 days
▼ 2	xfce4-mixer*	36 days
▼ 2	chef-dk*	39 days



Демо: уязвимости

Projects Maintainers Repositories Tools **Security** Admin

News Docs

Recent CVEs CPE bindings

This is a list of recently published (in NVD) vulnerabilities linked to Repology projects. You may see vulnerabilities for a given project under **CVEs** tab (only present when there are matching vulnerabilities), and missing bindings may be reported via **Report** tab.

Highlighted entries indicate matches due to recently (<1 week ago) added CPE bindings.

Enable autorefresh.

200 CVE(s) on this page, latest first

CVE	Published	Project(s)
CVE-2022-30594	2022-05-12 08:15	aufs-sources ck-sources gentoo-sources git-sources linux mips-sources pf-sources rt-sources xbox-sources zen-sources
CVE-2021-42648	2022-05-11 21:15	code-server
CVE-2021-34085	2022-05-11 21:15	mp3gain
CVE-2021-43066	2022-05-11 19:15	forticlient
CVE-2021-3611	2022-05-11 19:15	qemu
CVE-2022-1623	2022-05-11 18:15	tiff
CVE-2022-1622	2022-05-11 18:15	tiff
CVE-2022-1545	2022-05-11 18:15	gitlab
CVE-2022-1510	2022-05-11 18:15	gitlab
CVE-2022-1460	2022-05-11 18:15	gitlab
CVE-2022-1433	2022-05-11 18:15	gitlab
CVE-2022-1428	2022-05-11 18:15	gitlab
CVE-2022-1426	2022-05-11 18:15	gitlab



Демо: топы

Top repositories

By total number of packaged projects	By number of non-unique ¹ packaged projects	By number of maintainers
<ol style="list-style-type: none">1. nix (nixpkgs unstable) - 712112. AUR - 639063. Debian+derivs (Raspbian Testing) - 366274. FreeBSD Ports - 289385. Fedora (Fedora 34) - 226836. Gentoo (LiGurOS develop) - 197617. Rosa (Rosa 2016.1) - 189358. GNU Guix - 180419. ALT Sisyphus (ALT Linux p9) - 1770710. pkgsrc current - 16228	<ol style="list-style-type: none">1. nix (nixpkgs unstable) - 604402. AUR - 308203. Debian+derivs (Raspbian Testing) - 272074. FreeBSD Ports - 242595. Fedora (Fedora 35) - 201246. Rosa (Rosa 2016.1) - 178207. Gentoo (LiGurOS develop) - 164688. ALT Sisyphus (ALT Linux p9) - 145529. GNU Guix - 1428610. Mageia (Mageia 7) - 14077	<ol style="list-style-type: none">1. AUR - 120672. Debian+derivs (Raspbian Testing) - 41763. nix (nixpkgs unstable) - 21374. FreeBSD Ports - 16455. SlackBuilds - 6936. Void Linux x86_64 - 6807. Gentoo (LiGurOS develop) - 6528. Alpine (Alpine Linux Edge) - 5429. Spack - 51610. MacPorts - 464
By number of projects per maintainer ^{2,3}	By number of projects with up to date packages	By percentage of up to date projects ²
<ol style="list-style-type: none">1. OpenWrt (OpenWrt 21.02 x86_64) - 4.82. AUR - 5.33. Debian+derivs (Ubuntu 22.04) - 9.34. SlackBuilds - 11.15. Void Linux x86_64 - 12.06. Gentoo overlay GURU - 12.37. Spack - 12.48. FreeBSD Ports - 17.69. Alpine (Alpine Linux 3.8) - 21.310. MacPorts - 25.9	<ol style="list-style-type: none">1. nix (nixpkgs unstable) - 337772. FreeBSD Ports - 186163. Debian+derivs (Raspbian Testing) - 179214. AUR - 172585. Fedora (Fedora Rawhide) - 144846. Gentoo (LiGurOS develop) - 115177. openSUSE (openSUSE Tumbleweed) - 97078. ALT Sisyphus - 89329. pkgsrc current - 879910. Rosa (Rosa 2019.1) - 8588	<ol style="list-style-type: none">1. Ravenports - 93.67%2. KaOS - 92.91%3. Slackware (Slackware64 current) - 89.39%4. Homebrew - 89.06%5. CRUX (CRUX 3.6) - 86.45%6. Arch+derivs (Artix) - 86.00%7. openmamba - 85.45%8. Scoop - 84.68%9. nix (nixpkgs unstable) - 83.84%10. Homebrew Casks - 78.78%



Демо: matrix badge (секрет)

	postgis	postgresql	geos	gdal	sfcgal	proj	protobuf-c
Fedora 26	2.3.2	9.6.9	3.6.1	2.1.3	-	4.9.3	1.2.1
Fedora 27	2.3.3	9.6.10	3.6.1	2.1.4	-	4.9.3	1.2.1
Fedora 28	2.4.3	10.7	3.6.2	2.2.4	-	4.9.3	1.3.0
Fedora 29	2.4.3	10.10	3.6.2	2.3.2	-	4.9.3	1.3.0
Fedora 30	2.5.1	12.2	3.7.1	2.3.2	-	5.2.0	1.3.1
Fedora Rawhide	3.2.1	14.2	3.10.2	3.4.3	1.4.0	9.0.0	1.4.0
FreeBSD Ports	3.2.1	15.b1	3.10.2	3.4.3	1.4.1	8.2.1	1.4.0
Ubuntu 14.04	2.1.2	9.3.24	3.4.2	1.10.1	-	4.8.0	0.15
Ubuntu 16.04	2.2.1	9.5.25	3.5.0	1.11.3	1.2.2	4.9.2	1.2.1
Ubuntu 18.04	2.4.3	10.20	3.6.2	2.2.3	-	4.9.3	1.2.1



Вызовы



Вызовы: сравнение версий

- `0.9 < 1.0 < 1.1`
- `1.0 == 1.0.0`
- `1.001 == 1.1`
- `1.2 < 1.2a < 1.2b < 1.3`
- `1.0alpha1 == 1.0.alpha1 == 1.0a1 == 1.0.a1`
- `1.0alpha1 < 1.0alpha2 < 1.0beta1 < 1.0rc1 < 1.0`
- `1.0 ? 1.0p1`
- `https://github.com/repology/libversion` (C, MIT)



Вызовы: нормализация данных

- ~20k вручную добавленных правил
 - 10k слияний
 - 3k разбивок
 - 5k связанных с версиями
- ~4.5k закрытых репортов
- <https://github.com/repology/repology-rules>



Вызовы: парсинг версий

- RPM
 - 20210919-1.gitc6e6a8822b.fc37
 - 2.1.0-0.23.rc2.fc36
- Debian
 - 3:6.04~git20190206.bf6db5b4+dfsg1-3
 - 3.0.7+git.20130130.97b34ece.REALLY.1.0.3-3
- <https://github.com/repology/repology-updater/blob/master/repology/parsers/versions.py>



Вызовы: некоторые источники

- PyPI: не предоставляет удобной выгрузки всех данных
 - <https://github.com/AMDmi3/pypicache>
 - <https://pypicache.repology.org/>
- Похожее нужно для некоторых других репозиториев :(
- Sisyphus: спасибо Danil Shein!



Вызовы: СРЕ и взаимодействие с NVD

- Ручные СРЕ привязки
 - 3250 штук
 - `cpe:2.3:a:libtiff:libtiff:4.3.0:*****:*****:*` (пример)
- Парсер NVD
 - <https://github.com/repology/repology-vulnupdater>
- Взаимодействие с NVD
 - ~200 писем
 - Перестали отвечать :(



Планы



Планы

- Переписать всё



Планы

- ~~Переписать всё~~
- Улучшить UX сайта
- Сделать поддержку версий прямо с GitHub
- Поддержать информацию о зависимостях
- Собирать патчи, рецепты и логи сборки



Заключение

- Все репозитории пакетов – связанная экосистема
 - Давайте делиться информацией и решениями
 - Давайте переиспользовать уже сделанное
 - Давайте больше взаимодействовать

<https://repology.org/>

<https://github.com/repology>