

The time now is Thu 13 Aug 2019, 11:48  
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**Puli 32/64 bit**  
Moderators: Flash, JohnMurga

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**gluhazz** DPosted: Tue 20 Aug 2019, 09:01 Post subject: Re: Announcement: Puli 7.1

**gluhazz wrote:**  
More details will be available soon.

Please find the main changes as follows:

Improvements:

- \* Support AppImage format apps (icon pops up on the desk)
- \* Improve compatibility with the "Factory default" version of external apps (.deb, .rpm)
- \* Firejail support extension (auto-run Firefox in sandbox)
- \* Nvidia driver support (option to block nvidiaX at boot time)
- \* Update/remove obsolete modules
- \* Improve "Lazy" security profile
- \* Bugs fixed

Others:

- \* Bugs fixed
- \* Puli specific Firefox 68 (stable) and 70 (nightly) versions created
- \* Uploaded many tested apps to <https://sourceforge.net/projects/puppyszfvr/files/Puli/>.

Have a fun!

Regards

gluhazz

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**gluhazz** DPosted: Sun 01 Sep 2019, 15:51 Post subject: Runtime parameters from menu

I made a little *AddParams.pet* package that allows adding runtime parameters to the executable files (*application\_x-executable*) and shared libs (*application\_x-sharedlib*) from their right-click menu.

It can support us when special parameters are needed for running *AppImages* and/or in the sandboxed environment of *firejail*.

The prefix and the postfix can be defined separately or can remain blank.

A simple example:

1. Right-click on */usr/bin/links2* and select *Apply Runtime Parameters* in the menu
2. Enter *run-as-spo* as Prefix then click OK.
3. Enter *-g murga-linux.com/puppy* as Postfix, then click OK.
4. The selected app (*Links*) starts showing our forum page.

For each runs, the latest prefix and postfix are displayed. The edited ones are stored except if you click Cancel. The latest parameters are available in the subfolders of */root/.config/adtrps/* until shutdown/reboot.

You can play with other executables, add *firejail* parameters (requires installed *firejail*, of course). See the attached pictures.

No special message appears in case of runtime errors. However, this info is accessible in */tmp/adtrps* until the next run of *AddParams*.

Uploaded to:

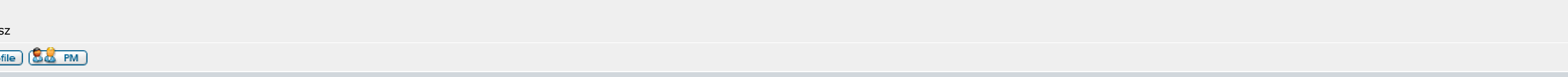
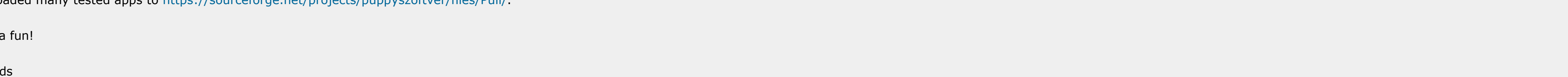
<https://sourceforge.net/projects/puppyszfvr/files/Puli/Puli-64bit/packages/>

Tested with Puli 7.1 but probably works with many other puplets, too.

Have a fun!

Regards,

gluhazz



**gluhazz** DPosted: Thu 05 Sep 2019, 13:18 Post subject: Puli 32-bit packages

Dear Puli users,

I uploaded many 32-bit packages to

<https://sourceforge.net/projects/puppyszfvr/files/Puli/Puli-32bit/packages/>

Tested with Puli 6.2.0

Have fun!

Regards,

gluhazz

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**gluhazz** DPosted: Mon 09 Sep 2019, 05:29 Post subject: Updated Puli 64-bit packages  
Subject description: Soundpack editors

Dear Puli users,

Many of us like playing with midi instruments and need a good soundpack editor.

I purified a couple of them:

- \* Downloaded *polyphone 1.8* from Ubuntu Xenial64 launchpad and added some qt5 libraries.
- \* Downloaded *swami 2.0* (see <http://www.swamiproject.org/>) from Launchpad and added the missing libraries.

See *polyphone\_1.8\_amd64.pet* and *swami\_2.0-amd64.pet* at

<https://sourceforge.net/projects/puppyszfvr/files/Puli/Puli-64bit/packages/>

Tested with Puli 7.1 - note that they use the built-in apulse instead of pulseaudio.

Have fun!

Regards,

gluhazz

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**gluhazz** DPosted: Sun 22 Sep 2019, 16:32 Post subject: FreeOffice v971

Dear Puli users,

SoftMaker FreeOffice 2018 v971 is announced on 2019 Sep 19. Bugfixes made on v970 that was published a couple of weeks earlier.

A 64-bit *softmaker18-971\_64hup.sfs* file is available at

<https://sourceforge.net/projects/puppyszfvr/files/Puli/Puli-64bit/packages/>

Supports en\_US and hu\_HU languages.

Tested with Puli 7.1, but probably runs with other 64-bit Xenial based puplets, too.

Have fun!

Regards,

gluhazz

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**gluhazz** DPosted: Tue 08 Oct 2019, 19:15 Post subject: Re: Updated Puli 64-bit packages  
Subject description: MIDI editor

Dear Puli users,

I grabbed a popular midi editor from <https://www.midieditor.org> then created the

*midieditor\_3101-amd64.pet*

package by adding the required Qt5 libraries.

After testing with Puli 7.1, I uploaded it to my collection at

<https://sourceforge.net/projects/puppyszfvr/files/Puli/Puli-64bit/packages/>

Probably runs with the rest of the Xenial64 based puplets, too.

Have fun!

Regards,

gluhazz

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**gluhazz** DPosted: Fri 18 Oct 2019, 13:18 Post subject: Re: Updated Puli 64-bit packages  
Subject description: TeamViewer plugin

Dear Puli users,

I found that most of the static TeamViewer packages (*pet*, *sfs*, etc) are incompatible with the earlier ones thus the remote instance refuses the connection.

So, for fun, I downloaded the latest TeamViewer plugin for the 64-bit Google Chrome, tailored for Puli 7.1, then created the *TeamViewer\_plugin\_14-64p.sfs* package.

I tested it with Puli 7.1. Available in my collection at

<https://sourceforge.net/projects/puppyszfvr/files/Puli/Puli-64bit/packages/>

It seems that it can connect even to ancient versions. It is recommended to register the controller machine (or its IP address) in the login window. (TeamViewer sends a confirmation email/Puli to the registered email address)

Please note that this plugin can be selected only in a normal (non-incognito) window of Chrome.

I am not sure whether it is visible in Chromium/Iron/Slimjet etc.

Probably runs with the rest of the 64-bit puplets, too.

Have fun!

Regards,

gluhazz

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**mikeslr** DPosted: Sun 24 Nov 2019, 16:04 Post subject: Pull - Alternate Method of Writing to USB-Key (Maybe)  
Subject description: Perhaps with use of FrugalPup Installer

Note the "Maybe" in the title of this thread. The described method of creating an ISO works. But, I've yet to test whether that ISO (a) is actually bootable; and (b) it preserves Puli's unique features.

Why an alternate method? LinuxLive USB Creator works fine. However, it creates a bootloader not easily modified. It also creates a single Fat32 formatted disk while Puppies have greater capabilities if booted from a Linux Formatted File system. Neither of those limitations are important if you are only going to use Puli as intended: on a USB-Stick you can remove after booting into it.

LinuxLiveUSB Creator is a program which runs under Windows and, AFAIK, LinuxLive can't be run under Wine. Consequently, writing Puli to a USB-Stick can't be easily done from a running Puppy. There are ways, but they are not 'Newbie' friendly.

Having a secure operating system you can carry in your pocket when booting from "chancy" locations and computers is Puli's objective. But there will be many times when neither the location nor the computer into which the USB-Key is plugged is not adequately secure. In the last couple of years the cost of USB-Sticks has plummeted. A 64 GB USB-Stick now sells for as little as \$7.00. Why not have the convenience of both a secure operating system and another, albeit less secure but more feature rich operating system on the same USB-Stick.

Enter FrugalPup USB-Installer. Although there are other applications you can use under Puppies to install a different Puppy to a USB-Stick, gyro --with the help of bigsup, rcn51, foxpup and others-- has been working on an installer which can boot from either Bios or UEFI computers, creates a Fat32 boot partition and 2nd Linux formatted partition, and can be used to install more than one Puppy to the target USB-Stick. <http://www.murga-linux.com/puppy/viewtopic.php?p=1005485&1005485>. FrugalPup v15r can be installed into any (recent?) Puppy. I believe it may become a standard Puppy builtin. FrugalPup works with an ISO, as do most other Puppy installers.

Creating an ISO out of Puli's zip package is easy and quick:

- (1) Download the zip package.
- (2) Right-Click it and select UExtract from the popup menu. An extraction folder will be created.
- (3) Optional, Recommended. Right-Click the extraction folder and from the popup menu select rename to rename it; for example Puli\_7.1
- (4) Open a terminal in "Puli\_7.1"'s containing/parent folder: i.e, right-click an empty space next to the Puli\_7.1 folder and select Window+Terminal Here.
- (5) enter the command *dir2iso NAME\_of\_Puli\_folder*, e.g.

*dir2iso Puli\_7.1*

a iso will be created next to the Puli\_folder; in the given example Puli\_7.1.iso.

AFAIK, every recent Puppy includes the *dir2iso* module. Shinobar created a *dir2iso.pet*, <http://www.murga-linux.com/puppy/viewtopic.php?p=638748&638748> which should work where *dir2iso* isn't a builtin.

Have fun!

Regards,

gluhazz

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**mikeslr** DPosted: Sun 24 Nov 2019, 17:38 Post subject: Re: Pull - Alternate Method of Writing to USB-Key (Maybe)  
Subject description: Perhaps with use of FrugalPup Installer

**mikeslr wrote:**  
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Thankyou mikeslr for the tip. I'll give it a try.

I've been considering trying pull for a while and I think that pull's security features will match up nicely with the changes I'm working on so that scottman package manager (i.e. pkg) will support signature checking for either metadata downloads and/or by looking in inside the deb. I think I'm close but I'll let people know when I get it working. See threads:  
1 - Using gpg/pgp signatures in Package Managers  
2 - Validating Package Archives and Metadata

I know that Pull isn't the only idea for a security based version of puppy (see thread), but so far its the one that has captivated most of my interest for such a distro although fatdog64 and easyos have some features that I would like to see included in Puli such as multi-session, the option to remove the usb and easy containers.

P.S. I agree with you that some people might want to install pull alongside another version of puppy on the same USB stick. Whether or not this is acceptable, I suppose will depend both on their threat model and how much space that they have on the stick.

Find me on [minds](#) and on [peartrees](#).

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**rufwoof** DPosted: Sun 24 Nov 2019, 18:14 Post subject: Re: Pull - Alternate Method of Writing to USB-Key (Maybe)  
Subject description: Perhaps with use of FrugalPup Installer

**mikeslr wrote:**  
Having a secure operating system you can carry in your pocket when booting from "chancy" locations and computers is Puli's objective. But there will be many times when neither the location nor the computer into which the USB-Key is plugged is not adequately secure. In the last couple of years the cost of USB-Sticks has plummeted. A 64 GB USB-Stick now sells for as little as \$7.00. Why not have the convenience of both a secure operating system and another, albeit less secure but more feature rich operating system on the same USB-Stick.

I have a usb stick boot that loads on network and ssh connects to the ssh server I use, where that connection is validated by ssh keys - which mitigates (or rather flags) man in middle attacks. That also has kevec installed, so once booted it can boot any other Puppy - I believe that other Puppy can be based on the same device, or even pulled down (downloaded). That's a good combination IMO.

Under insecure circumstances, I can set all traffic to flow through a ssh tunnel (socks5) i.e. the same one that was used for validation. As a alternative to using a third party ssh server to connect and route traffic through, you can set up a ssh server at home and use that instead. Basically a ssh tunnel between the 'unsafe' location to your home network, and then using that as though you were at home for accessing web sites/whatever.

I actually compile a native kernel for that, where everything is contained within the vmlinux i.e. modules/firmware/initrd are all 'built-in'. Which includes running a checksum and filesize measure on the vmlinux, so if the usb is plugged into a hostile system that attempts to 'change' things, those changes would be flagged. In my case that vmlinux is ~15MB in size, but that is machine specific (except if you use localyescfg). For portability (to plug/use other hardware) the size does rise to around 75MB (additional modules/firmware).

Sounds like better, but in practice is just a case of relatively simple changes and once done is pretty much transparent (kernel compiled with localyescfg). It's like a different bootloader, boots (in a few seconds) to network connected/ssh validated, then I have a script to boot the main fatdog system that I use - but that could be a menu for any other choice of main boot. I store that all of that on the same usb stick, including save files.

[\*\*] weq  
fatdog multi-session usb  
kernel validated in "Puli\_7.1"'s containing/parent folder: i.e, right-click an empty space next to the Puli\_7.1 folder and select Window+Terminal Here

*dir2iso Puli\_7.1*

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Have fun!

Regards,

gluhazz

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**rufwoof** DPosted: Mon 25 Nov 2019, 09:11 Post subject: Re: Pull - Alternate Method of Writing to USB-Key (Maybe)  
Subject description: Perhaps with use of FrugalPup Installer

**gluhazz wrote:**  
I propose using a dedicated (cheaper) pendrive for Puli and another one for the rest of the (even better and more beautiful) world.

Hi gluhazz

I cross referenced a [Fatdog](#) post to your above post, so just referencing back here.

A dedicated 'clean boot' pendrive is a excellent proposal. Thanks.

[\*\*] weq  
fatdog multi-session usb  
kernel validated in "Puli\_7.1"'s containing/parent folder: i.e, right-click an empty space next to the Puli\_7.1 folder and select Window+Terminal Here

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Have fun!

Regards,

gluhazz

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**mikeslr** DPosted: Mon 25 Nov 2019, 12:04 Post subject: Zip to ISO: 2nd Thoughts

gluhazz, of course you are right. The surest way to preclude contamination of your operating system is to isolate it by removing the USB-Key.

There's a Cary Grant-Rosalind Russel comedy, "His Girl Friday" well worth watching. One of the sub-plots revolves around the concept "production for use"; that is, having produced it, it would be wasteful not to use it. A not-particularly-bright character is facing execution. Without malice, fore-thought or intent, but having somehow acquired a policeman's pistol, he used it, killing the policeman.

Not every idea is a good idea; not even mine. Discourse and experimentation are the best ways for determining the limits of an idea's value. I hope that the procedure for converting a zip file into an ISO will attract more users --those of Puppy and Linux in general-- to the benefits of Puli. I suspect that the embellishment --creation of a multi-boot USB-Key-- was a manifestation of the concept "production of use".

Have fun!

Regards,

gluhazz

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**mikeslr** DPosted: Mon 25 Nov 2019, 14:45 Post subject:

I agree with you. An alternate way of maintaining integrity to a large extent would be to run all web-browsers in the "other Puppy" as spot. But, do keep in mind:

- a) Puppies, including Puli, do run as Root;
- b) rufwoof's objection that there are techniques for defeating the permission limitations; and perhaps, most importantly
- c) Puli's modules -milk, rigorous, crazy, lazy-- for connecting with intruders are all bash scripts which install to the top level of the file system and so could be easily located and compromised if permission limitations were circumvented.

Once you go beyond 'Nothing exists', everything becomes both possible and vulnerable. There will always be a trade-off.

Have fun!

Regards,

gluhazz

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