

Packages - Bug #3144

extra/opencv-cuda 4.5.4-7 depends on nonfree CUDA libraries (which isn't shipped by Parabola)

2021-12-12 09:59 PM - GNUtoo

Status:	confirmed	% Done:	0%
Priority:	bug		
Assignee:			
Category:			
Description			
On Parabola x86_64, we have:			
<pre>\$ pacman -S -i extra/opencv-cuda Repository : extra Name : opencv-cuda Version : 4.5.4-7 Description : Open Source Computer Vision Library (with CUDA support) Architecture : x86_64 URL : https://opencv.org/ Licenses : BSD Groups : None Provides : opencv=4.5.4 Depends On : tbb openexr gst-plugins-base libdc1394 cblas lapack libgphoto2 openjpeg2 ffmpeg protobuf cudnn Optional Deps : opencv-samples: samples vtk: for the viz module glew: for the viz module qt5-base: for the HighGUI module hdf5: for the HDF5 module opencv-icd-loader: For coding with OpenCL java-runtime: Java interface [...] Here cudnn is a CUDA library for neural networks. Even if cudnn isn't shipped by Parabola, I've seen other bug reports about non-working packages that depends on CUDA, so I'm bugreporting for this package too. I've no idea if extra/opencv-cuda needs to be blacklisted, or if we need to keep the package as-is.</pre>			

History

#1 - 2021-12-12 11:51 PM - bill-auger

the "Required by" set is more significant - any dependents of a blacklisted package may also need to be blacklisted - 'digikam' and 'openshot' are two popular programs affected by this - expanding the dependency chain:

```
$ dependents() { for pkg in $(pacman -Sii $1 | grep Required | cut -d ':' -f 2) ; do [[ "$pkg" != None ]] && e
cho $pkg && foo $pkg ; done | sort -u ; }
$ dependents opencv-cuda
auto-multiple-choice
darktable
digikam
flowblade
gimp-plugin-gmic
gmic
gst-plugin-opencv
krita-plugin-gmic
libopenshot
nomacs
opencv-samples
openshot
opentoonz
performous
python-opencv
```

python-pytorch
ukui-biometric-auth
ukui-control-center
ukui-greeter
ukui-panel
ukui-screensaver
ukui-session-manager
yafaray

#2 - 2022-05-16 03:31 PM - Zuss

Double checked the list and there's no packages that require opencv-cuda.

This was probably fixed by blacklisting the package, done by [GNUtoo](#)

Relevant commit: <https://git.parabola.nu/blacklist.git/commit/?id=ec896eec5b9014257fd524149800f21b3cc8ac55>