

Packages - Packaging request #2036

[Feature] Find a way to run generic tests in PKGBUILDS

2018-10-11 10:50 PM - GNUtoo

Status:	open	% Done:	0%
Priority:	bug		
Assignee:			
Category:			
Description			
Many packages are broken on i686, and require recompilation.			
The last one I found is evolution. This can easily be detected by something like that:			
<pre>\$ ldd /usr/bin/evolution grep -i " => not found\$" libprotobuf.so.16 => not found</pre>			
Some distributions and/or build systems have tools to scan binaries in order to rebuild them when something broke. For instance Gentoo has the 'revdep-rebuild' tool to do that.			
You could also test that in some simple way with shell scripts:			
<pre># Copyright (C) 2018 Denis 'GNUtoo' Carikli <GNUtoo@cyberdimension.org> # # This program is free software: you can redistribute it and/or modify # it under the terms of the GNU General Public License as published by # the Free Software Foundation, either version 3 of the License, or # (at your option) any later version. # # This program is distributed in the hope that it will be useful, # but WITHOUT ANY WARRANTY; without even the implied warranty of # MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the # GNU General Public License for more details. # # You should have received a copy of the GNU General Public License # along with this program. If not, see <https://www.gnu.org/licenses/>. set -e usage() { echo "\$0 <path/to/binary>" exit 1 } if [\$# -ne 1] ; then usage fi file="\$1" file "\${file}" grep ": ELF " ldd "\${file}" grep -i " => not found\$" output=\$(pacman -Q -o \${file}) echo "\${output}" grep " is owned by " package=\$(echo \${output} awk '{print \$5}')pacman -sS "^\${package}\\$" head -n1 awk '{print \$1}'</pre>			
If you want to reuse the code above to integrate it in a project that has a different license, just ask and I'll relicense it under the free software license of your choice.			
Denis.			

History

#1 - 2018-10-11 10:53 PM - GNUtoo

Sorry the title of the bug is misleading as it might not make sense to run the tests inside the PKGBUILDS (as some packages are imported as-is from other distributions). Could someone change it (I can't).

The idea here would be to run the test after rebuilding or importing packages to ensure that everything works correctly.

Denis.