

Packages - Packaging Request #2036

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

2018-10-11 10:50 PM - GNUtoo

<div>Status:open</div> <div>Priority:bug</div> <div>Assignee:</div> <div>Category:</div>	<div>% Done:0%</div>
<div>Description</div> <div>Many packages are broken on i686, and require recompilation.</div> <div>The last one I found is evolution. This can easily be detected by something like that:</div> <div><pre>\$ ldd /usr/bin/evolution   grep -i " =&gt; not found\$" libprotobuf.so.16 =&gt; not found</pre></div> <div>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.</div> <div>You could also test that in some simple way with shell scripts:</div> <div><pre># Copyright (C) 2018 Denis 'GNUtoo' Carikli &lt;GNUtoo@cyberdimension.org&gt; # # 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 &lt;https://www.gnu.org/licenses/&gt;. set -e usage() {     echo "\$0 &lt;path/to/binary&gt;"     exit 1 }  if [ \$# -ne 1 ] ; then     usage fi  file="\$1" file "\${file}"   grep ": ELF " ldd "\${file}"   grep -i " =&gt; 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></div> <div>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.</div> <div>Denis.</div>	

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.