

Servers - Bug #1949

[makepkg]: syntax error

2018-08-13 12:01 PM - bill-auger

Status:	in progress	% Done:	50%
Priority:	bug		
Assignee:	bill-auger		
Category:			
Description			
while updating blacklist.git there is a syntax error that was hit several times			
<pre>remote: /usr/share/makepkg/util/pkgbuild.sh: eval: line 90: unexpected EOF while looking for match ing `)' remote: /usr/share/makepkg/util/pkgbuild.sh: eval: line 91: syntax error: unexpected end of file</pre>			
UPDATE 2019-11-15: the original error is fixed - now there is a new error			
<pre>remote: /usr/share/makepkg/util/pkgbuild.sh: line 92: blacklist-7091865c91f06d7b38fd6dfbeb2c1 remote: 51c.txt: No such file or directory</pre>			
Related issues:			
Related to Servers - Bug #2003: [autobuilder] new 'your-freedom' package cre...			not-a-bug

History

#1 - 2018-08-13 12:02 PM - bill-auger

- Parent task set to #1948

#2 - 2018-08-13 12:10 PM - bill-auger

- File deleted (your-freedom-build-log)

#3 - 2018-08-13 12:15 PM - bill-auger

- Parent task deleted (#1948)

- Description updated

- Subject changed from 'your-freedom' build hook failed to build to [makepkg]: syntax error

correction to the original report - it was a fluke that the 'your-freedom' build hook failed to build the package - it turns out that freemor had pushed to abslibre during the build - a second try built the package successfully

the syntax error remains though

#4 - 2019-02-11 04:47 AM - bill-auger

- Related to Bug #2003: [autobuilder] new 'your-freedom' package creation fails added

#5 - 2019-02-13 03:31 PM - eschwartz

makepkg does not have a syntax error. If it did have a syntax error, that would be an upstream bugreport. But the issue here is actually that makepkg is incompatible with the multiline, complex command used in <https://git.parabola.nu/abslibre.git/tree/libre/your-freedom/PKGBUILD?id=40c9803c67beb8be6aca389ca7f6f715271150b3#n22>

#6 - 2019-02-13 03:32 PM - oaken-source

- % Done changed from 0 to 90

- Assignee set to oaken-source

- Status changed from open to in progress

the syntax errors were caused by load_PKGBUILD not recognizing multi-line commands in the conflicts() array of the your-freedom PKGBUILD. It should be fixed now. I'm leaving this at 90% until the next rebuild.

#7 - 2019-02-14 12:53 AM - oaken-source

- % Done changed from 90 to 100
- Status changed from in progress to fixed

#8 - 2019-11-06 06:09 PM - bill-auger

- Status changed from fixed to confirmed

i am re-opening this because i saw the same error today while 'your-privacy' was rebuilding

#9 - 2019-11-06 07:30 PM - oaken-source

- Status changed from confirmed to fixed

I have applied the same fix to nonprism/your-privacy, libre/your-freedom_emu, nonsystemd/your-initfreedom, that I had applied to libre/your-freedom.

This should get rid of the error messages.

#10 - 2019-11-15 04:28 PM - bill-auger

- Status changed from fixed to confirmed

the original error message is gone; but a new one appeared:

```
remote: | /usr/share/makepkg/util/pkgbuild.sh: line 92: blacklist-7091865c91f06d7b38fd6dfbeb2c1
remote: 51c.txt: No such file or directory
```

again it does not appear to cause any trouble - the new 'your-freedom' was built and published successfully

#11 - 2020-07-22 08:36 AM - bill-auger

- Description updated

#12 - 2020-07-22 08:36 AM - bill-auger

- % Done changed from 100 to 50

#13 - 2023-09-27 12:33 PM - bill-auger

- Assignee changed from oaken-source to bill-auger

i finally nailed down that last niggling annoyance - it is caused by the initial load/validation of the PKGBUILD, which evals all standard PKGBUILD variables - the 'conflicts' array of the your-* PKGBUILDS needs to load the blacklist file to file the array - that validation happens immediately upon the download stage, but before the blacklist (any) 'source' file actually gets downloaded, hence the "No such file or directory"

so the problem is not exactly a bug in makepkg, but that we are doing something unconventional in the package() function, and assuming (incorrectly) that it (the hack of populating the 'conflicts' array programmatically) will never be executed until after the download stage is completed

i silenced the error by redirecting STDERR of the eval to /dev/null

```
diff --git a/scripts/libmakepkg/util/pkgbuild.sh.in b/scripts/libmakepkg/util/pkgbuild.sh.in
index 93bae4e8..381d7d8b 100644
--- a/scripts/libmakepkg/util/pkgbuild.sh.in
+++ b/scripts/libmakepkg/util/pkgbuild.sh.in
@@ -89,7 +89,7 @@ extract_function_variable() {
     while read -r; do
         # strip leading whitespace and any usage of declare
         decl=${REPLY##*([[[:space:]]]}
-        eval "${decl}/${#attr}/${outputvar}"
+        eval "${decl}/${#attr}/${outputvar}" 2> /dev/null

         # entering this loop at all means we found a match, so notify the caller.
         r=0
```

#14 - 2023-09-27 12:34 PM - bill-auger

- Status changed from confirmed to in progress