



(C)2026 Copyright - KOAN sas - <https://koansoftware.com>

Build issue in Yocto Project using Ubuntu 22.04 with tar 1.34 and pseudo

In case you are facing to bitbake build issues like this [1] They are caused by tar 1.34 (and possibly earlier versions) is unable to extract tarballs containing read-only files with xattrs. This was fixed upstream, but it's unlikely at this point that the fix will be backported to Ubuntu 22.04 or RHEL9 related distros.

This can be solved installing manually a newer version

Download and build the new tar-1.35

```
mkdir tarnew-1.35; cd tarnew-1.35
wget https://mirrors.kernel.org/gnu/tar/tar-1.35.tar.xz
tar -xf tar-1.35.tar.xz
cd tar-1.35
./configure --prefix=/usr/local
make -j$(nproc)
```

Replace the existing tar 1.34 with the new tar 1.35

```
sudo mv /usr/bin/tar /usr/bin/tar-1.34
sudo cp src/tar /usr/bin/tar-1.35
sudo cp src/tar /usr/bin/tar
```

Test it

```
$ tar --version
tar (GNU tar) 1.35
```

This can be solved installing manually a newer version

[1] This is the error

```
tar: win32/runperl.c: Cannot open: Bad address
got *at() syscall for unknown directory, fd 3
unknown base path for fd 3, path win32thread.c
couldn't allocate absolute path for 'win32thread.c'.
tar: win32/win32thread.c: Cannot open: Bad address
got *at() syscall for unknown directory, fd 3
unknown base path for fd 3, path create_perllibst_h.pl
couldn't allocate absolute path for 'create_perllibst_h.pl'.
tar: win32/create_perllibst_h.pl: Cannot open: Bad address
got *at() syscall for unknown directory, fd 3
unknown base path for fd 3, path config_sh.PL
couldn't allocate absolute path for 'config_sh.PL'.
tar: win32/config_sh.PL: Cannot open: Bad address
tar: Exiting with failure status due to previous errors
WARNING: exit code 2 from a shell command.
...
Subprocess output:
got *at() syscall for unknown directory, fd 4
unknown base path for fd 4, path Image-6.6.36-lts-next-g82e32fe37029
couldn't allocate absolute path for 'Image-6.6.36-lts-next-g82e32fe37029'.
tar: ./boot/Image-6.6.36-lts-next-g82e32fe37029: Cannot open: Bad address
got *at() syscall for unknown directory, fd 4
...
n: No such file or directory
got *at() syscall for unknown directory, fd 4
unknown base path for fd 4, path lib
couldn't allocate absolute path for 'lib'.
got *at() syscall for unknown directory, fd 4
unknown base path for fd 4, path lib
couldn't allocate absolute path for 'lib'.
tar: ./usr/lib: Cannot mkdir: Bad address
tar: ./usr/lib/modules/6.6.36-lts-next-
g82e32fe37029/kernel/drivers/leds/leds-pca995x.ko: Cannot open: No such
file or directory
got *at() syscall for unknown directory, fd 4
unknown base path for fd 4, path lib
couldn't allocate absolute path for 'lib'.
got *at() syscall for unknown directory, fd 4
unknown base path for fd 4, path lib
couldn't allocate absolute path for 'lib'.
tar: ./usr/lib: Cannot mkdir: Bad address
tar: ./usr/lib/modules/6.6.36-lts-next-g82e32fe37029/kernel/drivers/pci:
Cannot mkdir: No such file or directory
```