

# Testing ultiboinstaller.sh

## Ultibo2.5.037

### RPi4B 4Gb

### 05/25/22

Fetch latest (Commits on May 24, 2022) Tools repo. To  
<https://github.com/develone/Tools>  
ultiboinstaller.sh  
sha256sum ultiboinstaller.sh  
287f345e9fce6a7473185ce4b873d0b87c535cddd67a444eecca7f8d094c3c1c  
ultiboinstaller.sh

8d31ff1e9616183fe9d5e7a994bda5444a50dde0

const

```
{Version constants}
ULTIBO_RELEASE_DATE      = '25 May 2022';
ULTIBO_RELEASE_NAME      = 'Beetroot';
ULTIBO_RELEASE_VERSION   = '2.5.037';
ULTIBO_RELEASE_VERSION_MAJOR = 2;
ULTIBO_RELEASE_VERSION_MINOR = 5;
ULTIBO_RELEASE_VERSION_REVISION = 037;
```

uname -a

Linux pi4-32 5.15.32-v7l+ #1538 SMP Thu Mar 31 19:39:41 BST 2022 armv7l

GNU/Linux

Testing RPi4B 4Gb with a USB hard drive

/dev/root	479626788	98099640	361454524	22% /
/dev/sda1	258095	50411	207685	20% /boot

Build took around 23 minutes.

sudo mksquashfs ultibo ultibo2.5.037-052522.img

Parallel mksquashfs: Using 4 processors

Creating 4.0 filesystem on ultibo2.5.037-052522.img, block size 131072.

[=====] 56108/56108 100%

Exportable Squashfs 4.0 filesystem, gzip compressed, data block size 131072  
compressed data, compressed metadata, compressed fragments,  
compressed xattrs, compressed ids  
duplicates are removed

Filesystem size 373363.53 Kbytes (364.61 Mbytes)  
18.35% of uncompressed filesystem size (2034221.50 Kbytes)

Inode table size 491056 bytes (479.55 Kbytes)  
30.01% of uncompressed inode table size (1636320 bytes)

Directory table size 439372 bytes (429.07 Kbytes)  
39.83% of uncompressed directory table size (1103248 bytes)

Number of duplicate files found 6471

Number of inodes 49534

Number of files 46468

Number of fragments 5038

Number of symbolic links 4

Number of device nodes 0

Number of fifo nodes 0

Number of socket nodes 0

Number of directories 3062

Number of ids (unique uids + gids) 1

Number of uids 1

devel (1000)

Number of gids 1

devel (1000)

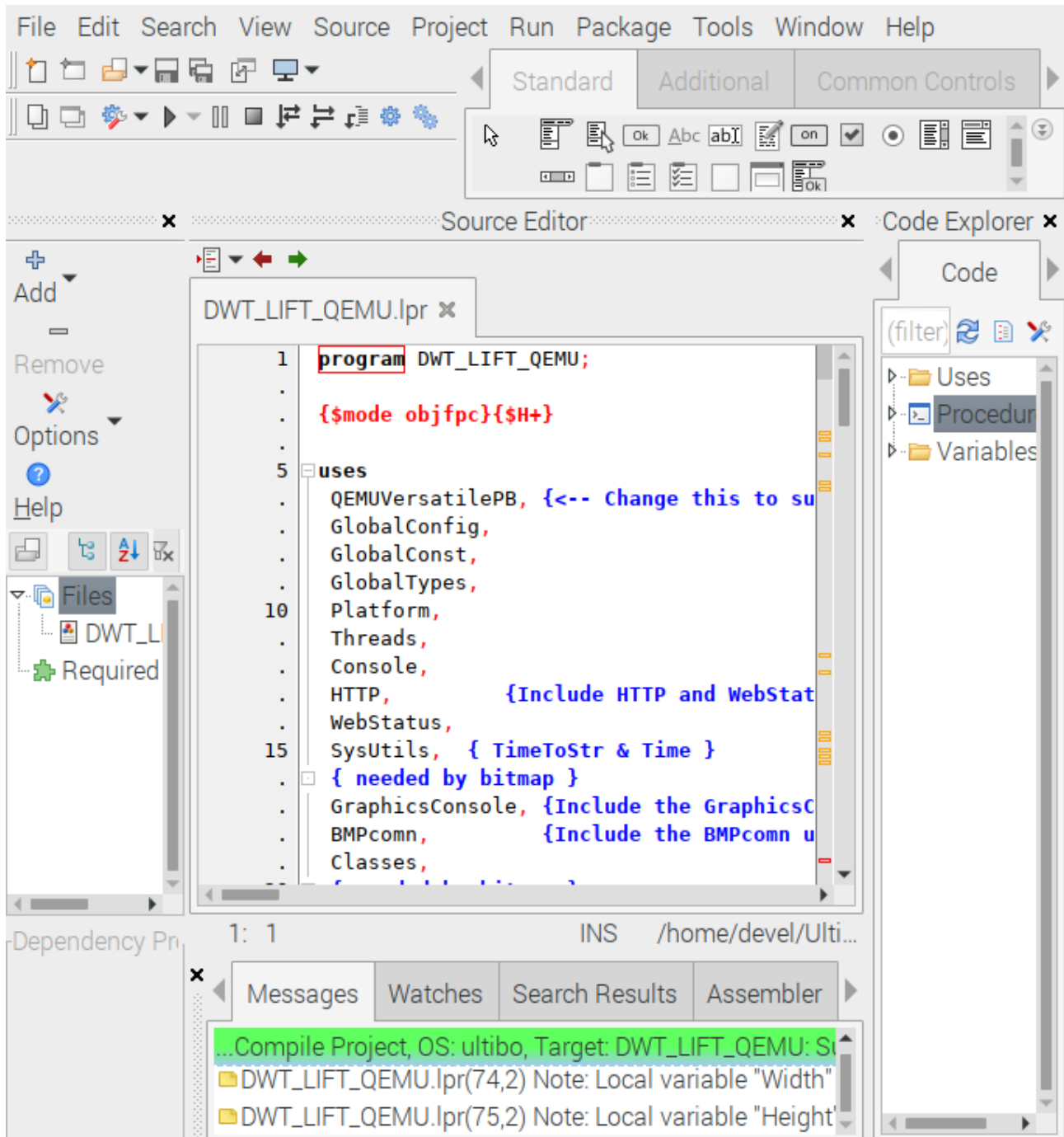
First target RPi4B 4Gb

```
sudo unsquashfs -d ultibo ultibo2.5.037-052522.img
Parallel unsquashfs: Using 4 processors
46472 inodes (56112 blocks) to write
```

```
[=====/] 56112/56112 100%
```

```
created 46468 files
created 3062 directories
created 4 symlinks
created 0 devices
created 0 fifos
```

Testing Lazarus IDE (Ultibo Edition) 2.2.3U

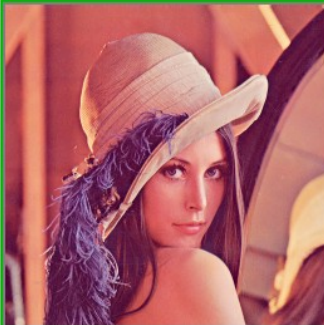


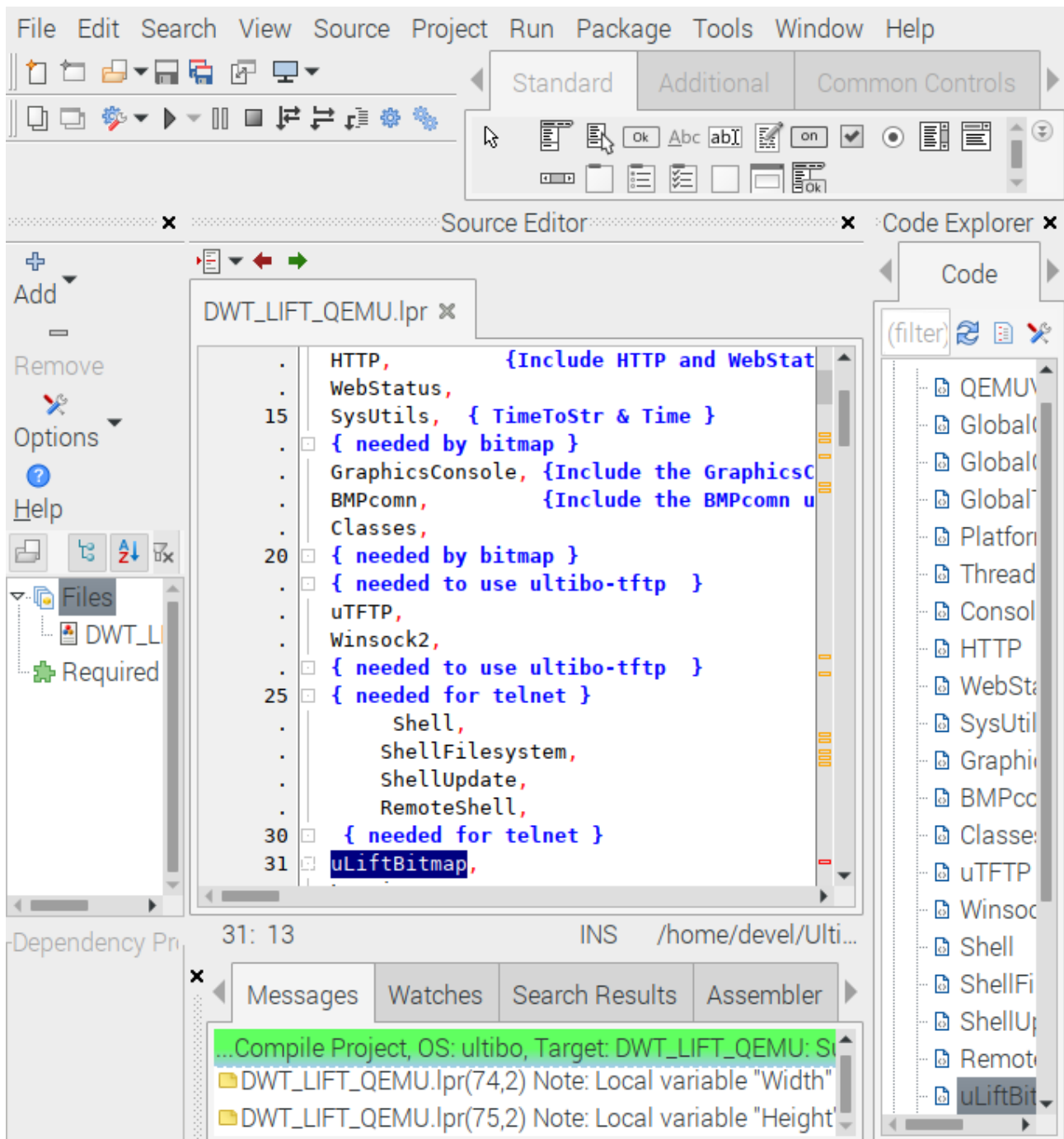
QEMU build

Ultibo Core (Release: Beetroot Version: 2.5.037 Date: 25 May 2022)

```
xx0 0
xx0 0
yy0 0
xx1 256
yy1 256
Hello Ultibo from C!! Called by Pascal starting compress
ion: 0 seconds 0 useconds 0
in lift config dec 6 enc 1 compression CR 25 bpp 24 flg
0 him 256 win 256
size 196608 pointer passed 2161e90 1542a88 width 256 hei
ght 256
l_nb_tiles 1 l_data_size 196608
0x7c 0x89 0xe2
In test_tile_encoder creating J2k
Compression time: 0 seconds 0 useconds 0 starting openjp
eg
[INFO] tile number 1 / 1
Compression time: 3 seconds 3 useconds 0
10:05:49
```

```
TFTP Demo.
writing top right handle1
Local Address 10.0.2.15
TFTP Ready.
```





Test Find Declaration

