How to get block device of a USB drive attached to a qube using Bash

Emily 1 June 19, 2023, 6:46pm

I'm trying to script mounting/decrypting/dismounting of USB drives.

I've been able to get the sys-usb ID, and attach the drive to the qube.

I'm stuck at a reliable way to get the block device of the drive. Any way to do this reliably (this fails too often)?

```
# Get the drive sd* from last modified match in qube /dev/
# Note:  Potential race condition if /dev/ state change between attach and ge
drive_sd_=$(qvm-run --pass-io -u root "$target_qube" "ls -lt /dev/sd* | grep
echo "Drive sd_: $drive_sd_"
```

P.S. Also having problems getting the /dev/mapper name. If you have any reliable tricks to get that too...

---

disp6252 2 June 19, 2023, 7:32pm

If you attach USB drive in the same script then you can pass the USB PID/VID or drive ID / partition UUID in qvm-run to wait for this device to initialize.

Emily 3 June 20, 2023, 10:48am

Extracting from qube using 'sudo blkid' is what finally worked...

```
# Get the drive sd*
drive_sd_=$(qvm-run --pass-io -u root "$target_qube" "sudo blkid | grep \"$us
```

Attaching device by UUID