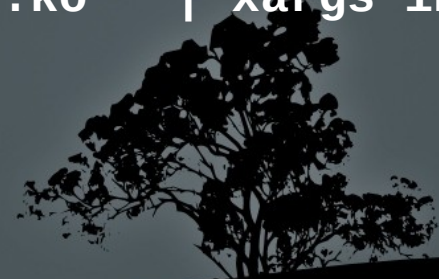


# LPIC-1 101-400 – Lesson 9 – Lab

- \* Login into your Lab environment as the root user
- # `ls /lib/modules` # see the modules available for your kernels
- # `find /lib/modules/$(uname -r) -type f -name "*ko*" | less` # find all the module files for your running kernel
- # `lsmod | less` # show all loaded modules
- # `lsmod | grep ext` # find all loaded modules containing 'ext'
- # `find /lib/modules/$(uname -r) -type f -name "jffs2.ko*" #` find the jffs2.ko module file
- # `find /lib/modules/$(uname -r) -type f -name "jffs2.ko*" | xargs insmod` # insert the jffs2 module file. Did it work?
- # `lsmod | grep jffs2` # look if the jffs2 module is loaded
- # `find /lib/modules/$(uname -r) -name "mtd.ko*" #` find the fat module file
- # `find /lib/modules/$(uname -r) -name "mtd.ko*" | xargs insmod` # try to load it. Did it work?



# Lesson 9 – Lab

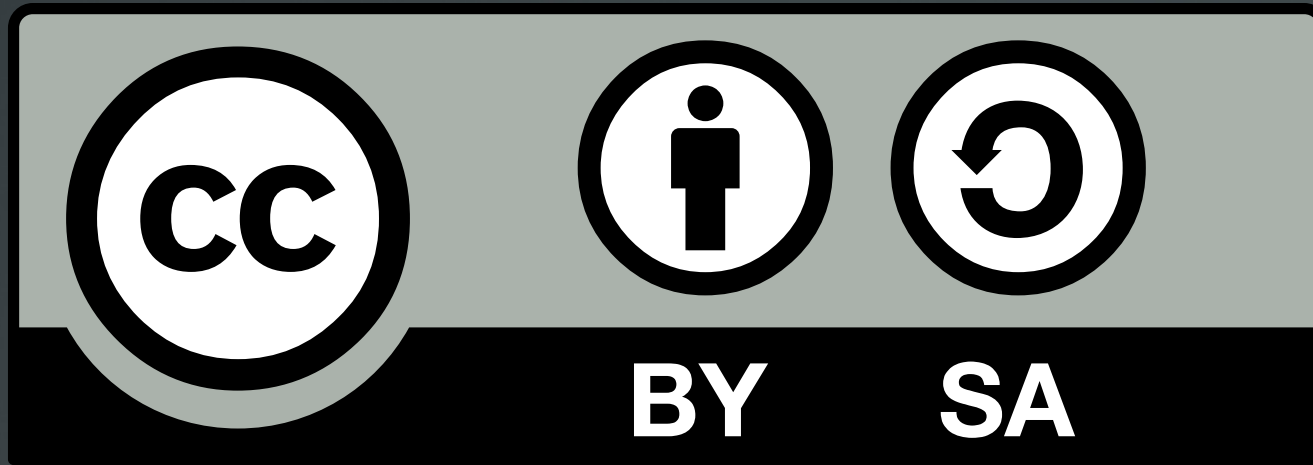
- `# lsmod | grep mtd # is the mtd module loaded?`
- `# find /lib/modules/$(uname -r) -type f -name "jffs2.ko*" | xargs insmod # try loading the jffs2 module now`
- `# rmmod mtd # did it work?`
- `# lsmod | grep mtd # is the mtd module loaded?`
- `# rmmod jffs2 # unload the jffs2 module`
- `# rmmod mtd # try now`
- `# lsmod | grep mtd # is mtd still there?`
- `# modprobe jffs2 # load jssf2 using a better method`
- `# lsmod| grep -E '(mtd|jffs2)' # are the modules loaded?`
- `# modprobe -r mtd # unload mtd. Did it work?`
- `# modprobe -r jffs2 # unload jffs2`
- `# lsmod| grep -E '(mtd|jffs2)' # are the modules unloaded?`
- `# modinfo jffs2 # show info about the jffs2 module`
- `# modinfo msdos | grep -i author # find the author of jffs2`

# Lesson 9 – Lab

- `# cat /proc/cpuinfo` # show cpu information
- `# cat /proc/partitions` # show partitions information
- `# cat /proc/cmdline` # show kernel parameters
- `# ls -l /dev/[hsv]d*` # show disks
- `# lsusb` # show usb devices information
- `# lsusb -v` # verbose information
- `# lsusb -t` # show tree view
- `# lspci` # show pci devices info
- `# lspci -t` # show tree view
- `# lspci -t -v` # show tree view with device names
- `# lspci -v` # verbose information
- `# lspci -vv` # very verbose
- `# lspci -vvv` # very very verbose



# License



The work titled "LPIC-1 101-400 – Lesson 9 – Lab" by Theodotos Andreou is distributed with the Creative Commons Attribution ShareAlike 4.0 International License.

