

## Steps for the Embedded Linux Root Filesystem Maintenance

---

- **1. Step:** Unzip (uncompress) the compressed root filesystem image.  
`gzip -d rimage.gz`
- **2. Step:** Mount the uncompressed root filesystem image to the development system filesystem  
`mount -o loop -t minix rimage /mnt`
- **3. Step:** Execute all steps for change the content of the (A)DNP/1486 root filesystem (i.e. copy file to the (A)DNP/1486 root filesystem, create new directory, edit script files...)
- **4. Step:** Execute the Linux sync command for make sure that all updates are finished  
`sync`
- **5. Step:** Unmount the new root filesystem image from the development system filesystem  
`umount /mnt`
- **6. Step:** Check the new (A)DNP/1486 root filesystem image  
`fsck.minix rimage`
- **7. Step:** Zip (compress) the new root filesystem for the (A)DNP/1486  
`gzip -9 rimage`