In CERN everything is made by people from CERN, even the O.S.! (Cern CENTOS is a Red Hat distribution that has been modified and is being used over here). In case you want to change to another O.S., there are some things you should consider before doing this:

1 - Here in CERN we used a distributed file system called afs⊞. This file system is already configured in CENTOS, however if you want to have your own O.S. distribution you should configure this by your own.

2- Most probably DEVS is already installed and working in your actual O.S.. You will have to install it again (this is not difficult, however it takes time, most probably because you will run with several issues trying to make it work!), so consider your times before doing this.

3 - Actually the CENTOS that you have has poor dependencies, you will have to install everything by your own. If you are a Linux guru, you will love this!. If you are more like me, that you give thanks to GOD that Jobs went that day to XEROX PARC and learned about the GUI, then you will probably be more happy installing another O.S. distribution =).

Now that you have decided to use another O.S. distribution, I will help you to configure afs. First, follow the instructions detailed in here⊞ to configure afs in your new OS. *NOTE: UP TO THE DATE , when the link provided says to configure your /etc/krb5.conf with this lines [realms]
CERN.CH = {
default_domain = cern.ch
kpasswd_server = afskrb5m.cern.ch
admin_server = afskrb5m.cern.ch
kdc = afsdb1.cern.ch
kdc = afsdb2.cern.ch
kdc = afsdb3.cern.ch
}

instead of that put the following:

CERN.CH = {
default_domain = cern.ch
kpasswd_server = afskrb5m.cern.ch
admin_server = afskrb5m.cern.ch
kdc = cerndc.cern.ch
}

The explanation of why is here⊞ *

-- AndresLaurito - 2016-08-15

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