

[01] START LINUX+EPICS ON YOUR PC

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Version

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BOOT FROM USB

- 1) Switch off your PC
- 2) **Insert a USB**, connect a wired-LAN
- 3) Switch on
- 4) Confirm the initial screen (Fig.1)
- 5) Select “Default” or “Live – legacy boot the Live System”

If it's OK, you are lucky. Proceed to the next.

If you fail to start from the USB, check your PC.

- 1) Try to go into “SETUP mode”. When power-on your PC, press “F2” makes the effect.
- 2) Find and go into “**Boot Sequence**” menu (Fig.2)
- 3) Re-order “USB Device” (or “USB Key”, or else) earlier than hard drives
- 4) restart your PC



Figure 1: Initial screen

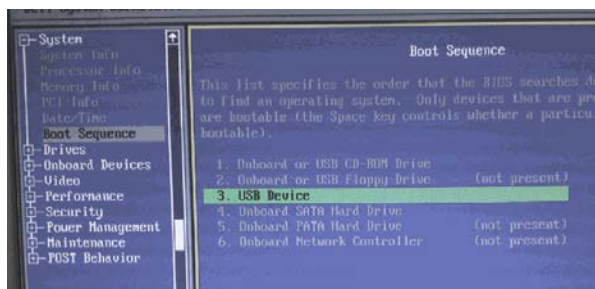


Figure 2: Typical boot-sequence menu

START UBUNTU

After a few minutes, you will see that “**Ubuntu 16.04 LTS**” starts (Fig.3). This does not affect your system.

LESSONS WITH UBUNTU

Now you come to the default desktop of Ubuntu 16.04 LTS. Login account is “ubuntu”.

Please try:

- 1) Create a **work directory** “WORK_MyEPICS” (or any folder-name you prefer) on the desktop.
- 2) Start **Terminal** and try some Linux commands. To start it, click (or right-click) the “Terminal” in the left-side launcher. Or, right-click on the desktop space will create a “Open Terminal” menu.
- 3) (Sorry no NTP server today) Better to check Time on your PC. Check also **time-zone** (is it Tokyo ?).
- 4) **Check IP address** using “ifconfig” command. It should be between 192.168.1.100 and 200. If not, ask a help.
- 5) **Shutdown** the machine. Check the right-top edge to find stop button. Then restart it ! If you can not stop the system, please ask help.

Does it works ?



Figure 3: Default desktop of Ubuntu 16.04 LTS

MORE .. ?

If you are not familiar with any Linux flavour, try to run applications using Left-side menu.

REFERENCES

- [1] EPICS homepage
<http://www.aps.anl.gov/epics/>