CTBTO General Utilities Version 1.10

User Guide

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Chapter 1 Linux Utilities v1.10

General Utilities for CTBTO Linux workstations is a set of simple scripts for system administration.

1.1 Description

Table 1-1 Linux scripts

Script	Description
`set_primary`	Set the workstation to be a Primary Station: It sets up the system so that it will run NmxToCD1(1) on startup, and starts it if it is not currently running.
`set_auxiliary`	Set the workstation to be an Auxiliary (or backup) Station: It sets up the system so that it will not run NmxToCD1(1) on startup. If NmxToCD1(1) is currently running, it will stop it.
`nmxrun`	Called upon system bootup and defines which of the Nanometrics software is started automatically. This script must exist in the `/nmx/bin` directory.
`nmxrun_primary`	This script is a replacement script for `nmxrun`, used by `set_primary`.
`nmxrun_auxiliary`	This script is a replacement script for `nmxrun`, used by `set_auxiliary`.
`nmxcron`	Defines scheduled tasks to be run for Nanometrics. These can include removing old log files so that the hard drive does not fill up.
`nmxwatchdog`	Script to start/stop Nanometrics programs on boot/shutdown.
`.runnmxapp`	Script to start/stop a Nanometrics program.

1.2 Installation

- See the installation instructions for the acquisition system workstation.

1.3 Operation

Only `set_primary` and `set_auxiliary` should be called directly.

- To call, enter the command at a command prompt on the terminal or through telnet:
  > **`set_primary`**

  or

```
> set_auxiliary
```

Chapter 2 Solaris Utilities v1.10

General Utilities for CTBTO Solaris workstations is a set of simple scripts for system administration.

2.1 Description

Table 2-1 Solaris scripts

Script	Description
`set_primary`	Set the workstation to be a Primary Station: It sets up the system so that it will run NmxToCD1(1) on startup, and starts it if it is not currently running.
`set_auxiliary`	Set the workstation to be an Auxiliary (or backup) Station: It sets up the system so that it will not run NmxToCD1(1) on startup. If NmxToCD1(1) is currently running, it will stop it.
`nmxrun`	Called upon system bootup and defines which of the Nanometrics software is started automatically. This script must exist in the `/nmx/bin` directory.
`nmxrun_primary`	This script is a replacement script for `nmxrun`, used by `set_primary`.
`nmxrun_auxiliary`	This script is a replacement script for `nmxrun`, used by `set_auxiliary`.
`S02CHECKFSYS`	Run at system bootup. Checks the file system for errors under the assumption that the system was shutdown ungracefully (for example, due to a power outage).
`S95nmx`	Script to start/stop Nanometrics programs on boot/shutdown. Identical to `K05nmx`. Exists in `/etc/rc3.d`.
`K05nmx`	Script to start/stop Nanometrics programs on boot/shutdown. Identical to `S95nmx`. Exists in `/etc/rc0.d` and `/etc/rc2.d`.
`nmxcron`	Defines scheduled tasks to be run for Nanometrics. These can include removing old log files so that the hard drive does not fill up.

2.2 Installation

- See the installation instructions for the acquisition system workstation.

2.3 Operation

Only `set_primary` and `set_auxiliary` should be called directly.

- To call, enter the command at a command prompt on the terminal or through telnet:
  > **`set_primary`**

  or
  > **`set_auxiliary`**