

# ctys-uc-X11(7) Use-Cases for X11

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## 1 Xterm with Interactive bash

This opens a Xterm window with an interactive bash. Various consoles could be used, which are actually X-terminals such as Xterm or gnome-terminal.

Due to the different usage of hyphens for the various graphical user interfaces the options 'SH' and 'DH' - 'single hyphen' and 'double hyphen' were introduced. The "SH" suboption is here mandatory for the usage of Xterm, because the Xterm emulation requires a single-hyphen for its options, default is "DH".

The default behaviour concerning the terminal emulation is to scan for a gnome-terminal first and prefer it if found, else an xterm emulation will be started by default.

```
ctys -t x11 -a create=l:tstx11 lab00
```

The same by call `CONSOLE:XTERM` alias.

```
ctys -t x11 -a create=l:tstx11,console:xterm lab00
```

The same by call args.

```
ctys -t x11 -a create=l:tstx11,cmd:xterm,sh lab00
```

The same by call args with explicit shell.

```
ctys -t x11 -a create=l:tstx11,cmd:xterm,c:bash\%-i,sh lab00
```

## 2 Gnome-Terminal with Interactive bash

This opens a Gnome-Terminal window with an interactive bash. The "DH" suboption is here mandatory but the default. This is required because the gnome-terminal emulation requires a double-hyphen for its options. The the default behaviour is to open a gnome-terminal when detected.

```
ctys -t x11 -a create=l:tstx11 lab00
```

The same by call `CONSOLE:GTERM` alias.

```
ctys -t x11 -a create=l:tstx11,console:gterm lab00
```

The same as the default behaviour.

```
ctys -t x11 -a create=l:tstx11,dh lab00
```

The same as the default behaviour.

```
ctys -t x11 -a create=l:tstx11,cmd:gnome-terminal,c:bash\%-i,dh lab00
```

### 3 Emacs Session in shell-mode

Starts an remote Emacs in

```
ctys -t x11 -a create=l:tstx11,cmd:emacs\%-f\%shell,s:bash\%-i lab00
```

The same by call `CONSOLE:EMACS` alias.

```
ctys -t x11 -a create=l:tstx11,console:emacs lab00
```

### 4 Emacs Session with cd

Starts an remote Emacs:

```
ctys -t x11 -a create=l:tstx1,console:emacs,cd:/var/tmp app1
```

The result is:

Figure 12: Emacs-Console with 'cd /var/tmp'

### 5 Single XClock

This starts an Xclock with an altered options keyword for windows title, additionally the "SH" key is required for using single-hyphens.

```
ctys -t x11 -a create=l:tstx11,cmd:xclock,titlekey:name,sh lab00
```

Similar, but not the same. This starts an Xclock with `NOTITLE`, which suppresses the setting of the title for a window by the `LABEL` string. Thus this window is no longer recognized by `LIST`, or just with limits.

```
ctys -t x11 -a create=l:tstx11,cmd:xclock,notitle lab00
```

## 6 SEE ALSO

*ctys(1)*, *ctys-X11(7)*, *ctys-plugins(1)*, *bash(1)*, *xterm(1)*

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