xeb manual

xeb is written Tcl/Tk.

The following are xeb and Tcl/Tk versions that should work:

- Tcl v7.4-8.0, Tk v4.0-8.0   - xeb v1.5
- Tcl v7.5-8.0, Tk v4.1-8.0   - xeb v2.0

xeb v1.5 can be run in local mode only, while xeb v2.0 supports both - local and remote mode.This is because Tcl v7.4 and lower do not support the socket and clock command.

1 Local mode

In this mode, xeb needs access to /usr/local/emu/conf/<port>.cfg file. The port number is supplied on the command line:

$xeb <port>

xeb reads the <port>.cfg file to find out the name of the text file to read (*dbfile* option in <port.cfg>). The EMUSELECT variable can be used to provide a series of pipes to massage data. Read below on how to use EMUSELECT. xeb monitors the text file and if it changes, xeb re-reads it and re-displays messages. To send annotations and deletions, xeb uses an external emsg1 program. Make sure the full pathname to emsg1 is specified in the emsgcmd option in <port>.cfg.

2 Remote mode

In this mode, xeb uses a built-in emsg1 procedure to retrieve messages via the query type of message. To make it work, pre-sorted messages need to be maintained in the eEMU out directory, as it is the only directory query messages have access to. Each file maintained in the out directory corresponds with its name to a profile name. Multiple profiles can be set up in xeb. Their information is maintained in the user's home directory in a file called .emu.
xeb in remote mode is invoked without parameters:

$xeb

3 Profiles

Once xeb v2.0 is up and running, it displays a profile screen listing all the available profiles. If no profiles are found in the users

profile file .emu, a profile form is presented. On filling in the pro-
file form, the first profile is established and .emu updated.
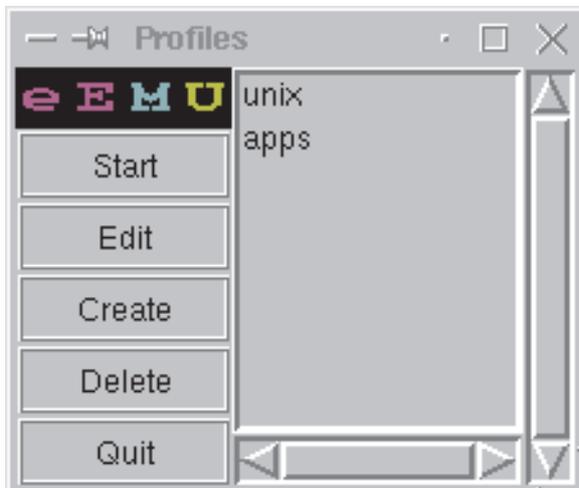
        Figure 1

The picture above depicts a profile screen. Two profiles exist: unix
and apps.

To edit a profile, select it and click **Edit**.
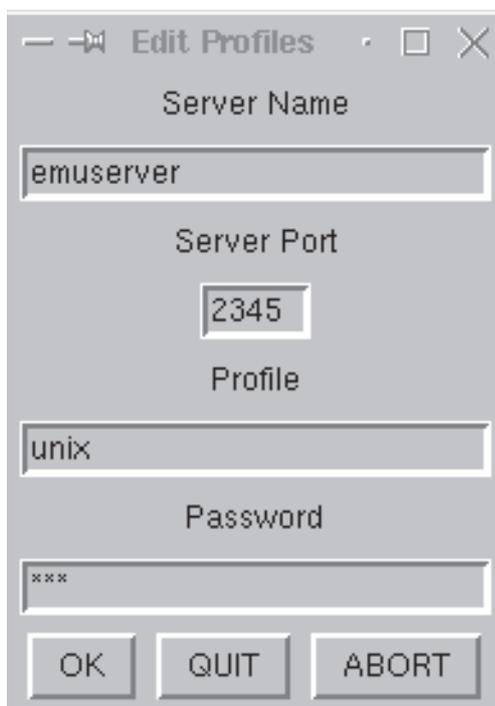
        Figure 2

The profile name must correspond to the file name in the out directory. In our case it is /usr/local/emu/2345/out on emuserver.

The **Create** and **Delete** buttons in the Profile window are self-explanatory.

On selecting a desired profile, click **Start**. The following screen appears:
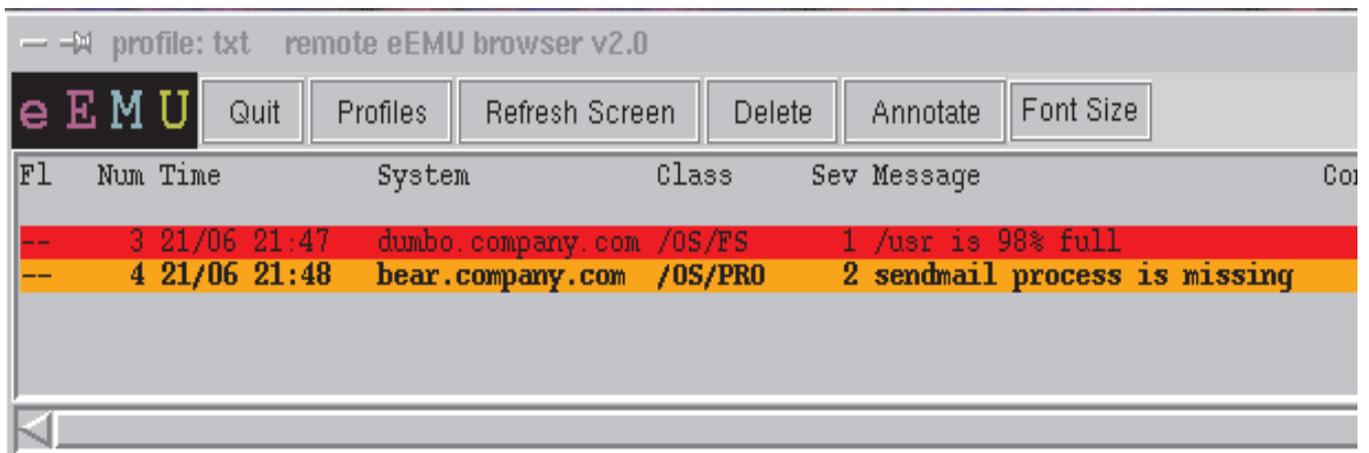
Figure 3

To view another profile screen, select **Profiles** and choose a profile.

The **Font Size** button can be used to select a font size between 8 and 24. A message can be annotated or deleted. Both **Annotate** and **Delete** buttons promt you for a message number.