

A Look at the qlwm Window Manager

A Lean Manager

Do you automatically think KDE when someone says Qt? If so, you have probably never heard of qlwm, a quick window manager that is easy on resources and also based on the Trolltech toolkit.

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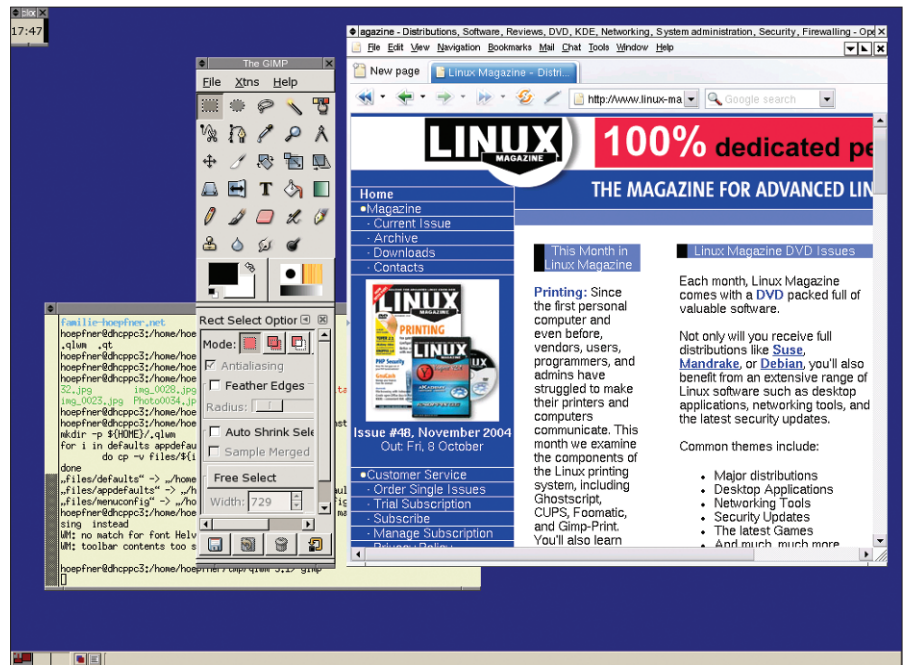


Figure 1: qlwm offers a toolbar, including a start menu, a mail monitor, a clock, and a pager.

Putting a perfect Linux desktop together is not the easiest of tasks. Although most distributions come with a whole bunch of window managers, it is hard to find a perfect match. If you are looking for a powerful but comfortable desktop, take a look at the Qt-based *qlwm* [1] desktop.

qlwm is a fast window manager that has everything a well-equipped desktop needs: a toolbar, a mail monitor, a start menu, and virtual desktops.

Installation

qlwm is only available as a source code archive, so be prepared to fire up your compiler. To ensure that everything works as planned, you should have the Qt library and developer packages on your system before you install. Assum-

ing these packages exist, you can download the *qlwm* archive from the project website and unpack it by typing `tar -xzf qlwm-3.1.tar.gz`. Once you have unpacked the archive, change to the directory this step creates, *qlwm-3.1*, and type `make` to build the window manager. Then type `su -c "make install"` to install the window manager in `/usr/local/qlwm/`. `make install` additionally creates a symbolic link, `/usr/local/bin/qlwm`.

To finish off the installation, type `make install-config` to copy the basic *qlwm* configuration to your home directory. Besides the window manager itself, the `make` command creates two applets for the *qlwm* toolbar, the ubiquitous clock, and an email reminder tool.

Getting Started

Log on to your system in text mode, and then add the following line

```
exec /usr/local/bin/qlwm
```

to `~/.xinitrc` to tell *startx* to launch the new *qlwm* window manager. Things are a bit more complicated if you log in via a

GUI-based login manager such as KDM or GDM.

When you launch *qlwm*, the window manager shows you a tidy desktop with a toolbar at the bottom of the screen (Figure 1). The toolbar has a few integrated tools: from left to right, a **pager**, a button that accesses a window list, and the menu button. The clock and the mail monitor are located on the right side of the desktop.

The mail checker included with the *qlwm* package monitors `/var/spool/mail/filename` and shows red when a new message arrives. This mail notification feature allows you to monitor your mailbox status, if you use `fetchmail`, to collect your mail from your provider.

qlwm has simple window dressing comprised of a title bar and two tabs at the bottom of each window that allow

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GLOSSARY

Pager: Nearly every window manager supports multiple desktops. A pager allows you to toggle between desktops. Some pagers give you a rough overview of the active windows on each desktop.

