Solaris 2.5 Motif Window Manager C

This appendix describes how to set up your environment to use the Solaris 2.5 Motif Window Manager (`mwm`) and how to access it from the OpenWindows desktop. You can run Motif clients with the OPEN LOOK Window Manager (`olwm`) without making further changes.

Note – The Motif Window Manager provided with the Solaris 2.4 and Solaris 2.5 developer's environment is *not* supported by SunSoft as a run-time user product and must not be distributed to users. `mwm` is *only* included in the developer's environment for development purposes. You should use the default `olwm` window manager for developing applications for the OpenWindows desktop. You should use the CDE window manager `dtwm` for developing applications for the Solaris CDE desktop. `dtwm` is an upwardly compatible version of `mwm` specifically enhanced for CDE.

Setting Up the Motif Environment

To set up the environment to support Motif development, set the following variables in the initialization file for your shell (for example `.profile` for the Bourne or Korn shell or `.login` for the C shell).

1. If `SUNWmfwm` is installed, add `/opt/SUNWmfwm/bin` to your `PATH`.
2. Include the value `/usr/dt/lib/%T/%N%S` in your `XFILESEARCHPATH` environment variable.
3. Set the `XMBINDDIR` environment variable to `/usr/dt/lib/bindings`.
4. Both developers and users need to add `/usr/dt/man` to their `MANPATH`. If developers have installed the optional `SUNWmfwm`, they need to add `/opt/SUNWmfwm/man` to their `MANPATH`.
5. Source the initialization file by typing `. .profile` for the Bourne or Korn shell, or `source .cshrc` for the C shell. Alternatively, you can log out and log in again so that the changes are recognized in your complete environment.

Setting Motif Window Manager as the Default

The `openwin` script indirectly starts the OPEN LOOK Window Manager (`olwm`). If you want the script to start the Motif Window Manager, set the OW_WINDOW_MANAGER environment variable:

```
% setenv OW_WINDOW_MANAGER mwm
```

Alternatively, you can add this to your `.profile` or `.login` file if you want to save this setting.

Note – `mwm` is only available if the Solaris 2.5 `SUNWmfwm` package is installed. This package is not available in the CDE 1.0 release.

Enabling Quit on the Workspace Menu

The Motif Window Manager does not have an option to exit `mwm`. Use the following steps to enable Quit on the Workspace menu.

1. Type `cp /opt/SUNWmfwm/lib/system.mwmrc $HOME/.mwmrc` and press Return.
2. Edit the `$HOME/.mwmrc` file and remove the leading exclamation mark (!) from the following line:

```
!"Quit..."    f.quit_mwm
```

Enabling Drag and Drop for the Motif Window Manager

To ensure the OpenWindows drag-and-drop option runs correctly with `mwm`, modify the `openwin-sys` script in `/usr/openwin/lib` `(/usr/openwin/lib).`

1. Become superuser. Edit the `/usr/openwin/lib/openwin-sys` script. Remove the `#` from the following line (uncomment it):

```
#dsdm &
```

2. Save the changes and quit the file.
3. Exit the window system and restart it.

   This change initiates the drop-site database manager and restarts the window system.