

## What's New in OpenMotif and Other Issues

The purpose of this document is to outline the changes that have taken place in OpenMotif and the Motif Reference Manual 6b since their last releases. The previous version of the 6b Manual is available at [www.opencontent.org/openpub/](http://www.opencontent.org/openpub/). In addition, the last section of this document discusses the known open issues for Motif. There is an open discussion of OpenMotif 2.3 Beta, 6b book errata, and the future release of OpenMotif 2.4 at [www.motifzone.org](http://www.motifzone.org).

### What's New in OpenMotif 2.3

- Client-side anti-aliased fonts supported via XFT.
- UTF-8 and UTF8\_STRING atom support.
- Ability to show text and pixmaps in Label, LabelGadget, and all derived widgets.
- Support of PNG and JPEG image formats in the same way as XPM is supported.
- Hardware support.

### What's New in the OpenMotif Reference Manual Volume 6b

For this release of the OpenMotif Reference Guide 6b, the documentation has been updated to reflect the changes in Motif since Motif 2.1.

- Appendix F lists the changes from Motif 2.1 to OpenMotif 2.2
- Appendix G lists the changes from OpenMotif 2.2 to OpenMotif 2.3, as well as explains how to use some of the new features.
- A visual widget index has been added to help identify Motif widgets more quickly.
- The status of some widgets has changed and some new Motif capabilities have been added. For more information on this, please see the *OpenMotif 2.3 Beta Release Notes*.

### Open Issues

The following is a current abbreviated list of suggestions for future releases. These are ideas that have come from many people in the community.

- QATS are not up to date.
- Messages that should be defined in the central XmString repository are defined locally to the sources.
- XmSocket and XmPlug widgets need to be implemented, which will provide the ability to embed widgets from one process into another process in a manner transparent to the user.
- Motif Dialogs- Most of the existing dialogs are inadequate and need improvement.
- Look and feel clean up.
- New Widgets- Modernize menu system and add a HTML widget, a help system, and more managers.
- Support Xlt Functionality.
- Support Non-“C” languages.
- Enhance Window Manager.

- Miscellaneous:
  - Improve performance of very large GUIs.
  - Make drag-and-drop more useful (more standard interchange types, etc.).
  - More large free applications (beginners need examples).
  - Make Motif run on Windows.