

MEDLEY 2.0 RELEASE NOTES

These release notes provide highlights of this release and cautions important to the successful running of Release 2.0 of Medley. The final section contains a listing of fixed bugs in Release 2.0.

New Release Highlights

Unlimited Symbols

In earlier versions of Medley, there was a limit of 65,635 symbols in the system. This limit has been removed. There are now two types of symbols. The functions `IL:LITATOM` and `CL:SYMBOL` work correctly with both types. Code that uses them, like `(CL:TYPECASE x (CL:SYMBOL —) —)` will also work properly. However, the types have different names, so code like `(IL:SELECTQ (IL:TYPENAME x) (LITATOM —) —)` will not work properly. Because the representation of symbols has changed, all user code must be recompiled for Medley 2.0.

Larger Hash Tables

In earlier versions of Medley, hash tables were effectively limited to 10,400 entries. This limit has been raised; you can now have up to 32,749 entries per hash table.

Improved XNS Performance

On the Sun Workstation, Medley's performance with XNS has been dramatically improved. File transfers run up to five times faster than before.

Generic X-Keyboard Support

Medley now supports X Windows use from any X server. Formerly, it only supported specific machines. To get this behavior, set the `LDEKBDTYPE` environment variable to `X`.

Caution

You must compile all your code for Medley 2.0. Older code will not work, nor can you use newly-compiled code with older versions of Medley.

Fixed Bugs

9268 Want a way to suppress extended character sets in TEdit.

Editing a binary file with TEdit often caused problems, because TEdit would interpret any 255 in the document as a character-set change and display international characters—if, indeed, there were any characters to display. In any case, performance came to a dead crawl. You can now tell TEdit not to interpret 255 specially by including `NO-NSCHARS T` in the `OPTIONS` argument to `TEDIT`.

10765 \CORE.GETNEXTBUFFER should not block when uninterruptable.

This function was calling BLOCK even if it was supposed to be uninterruptable. This allowed other processes to run at dangerous times, leading to unpredictable errors during {CORE}-file I/O. This function no longer calls BLOCK if it is running uninterruptably.

11222 ARG NOT NDB - NIL

This error happened intermittently in Medley 1.15 and Medley 1.2. It no longer occurs.

11249 Back-quote character appears as a black rectangle on the screen.

In Medley 1.2, the back-quote character was missing from the fonts Gacha 8 and Gacha 10. As a result, the back-quote would often print as a black rectangle. In Medley 2.0, there is a back-quote character in Gacha 8 and 10.

11374 BITBLT from a bitmap to the same bitmap fails to move all bits properly.

If you had a bitmap BITS that was less than 32 bits wide, (BITBLT BITS 1 1 BITS 0 0 16 16) would only move every other line of bits. This now works properly.

11375 BITBLT doesn't return T if bits were moved.

BITBLT on UNIX implementations always returned NIL. It now returns T if any bits were transferred, as the documentation states.

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