

# Unicode text editor mined 2000 release 11

**Source:** <http://linux.derkeiler.com/Newsgroups/comp.os.linux.announce/2005-08/0027.html>

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## ANNOUNCEMENT

mined 2000 release 11  
(July 2005)

Mined is a powerful text editor with a comprehensive and easy-to-use user interface and fast, small-footprint behaviour.

Mined provides both extensive Unicode and CJK support offering many specific features and covering special cases that other editors are not aware of (like auto-detection features and automatic handling of terminal variations, or Han character information). It was the first editor that supported Unicode in a plain-text terminal. Basically, mined is an editor tailored to reliable and efficient editing of plain text documents and programs, with features and interactive behaviour designed for this purpose.

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More information (with screenshots, feature overview and change log) and download are available from the mined web site at <http://towo.net/mined/>

Mined is co-hosted at sourceforge and has a mailing list which can be subscribed at <https://lists.sourceforge.net/lists/listinfo/mined-editor>

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Major enhancements in this release:

Unicode support enhancements:

- \* Updated to Unicode 4.1.0:
  - \* Case conversion, Script information.
  - \* Combining character width properties.
  - \* Han information (from Unihan database) for CJK characters.

- \* Radical/Stroke input method (to include new CJK characters).
- \* Added Hanyu Pinlu and Tang pronunciation information (from UniHan database) to Han information options.
- \* Added generic and supplemental character input mnemonics for new LATIN characters.
- \* Indication and character information of Unicode combining characters now refers to the most recent Unicode version, not the actual terminal capabilities.

#### Interactive enhancements:

- \* Conciliated keypad assignment preference conflict between Cut/Paste functions (as propagated by mined) and character deletion / line positioning functions (as often commonly expected):
  - \* The more common Home/End/Delete function assignments to the respective keypad keys are also easily accessible (e.g. Alt-Del).
  - \* Documentation for alternative assignment option improved.
  - \* Using Del without a paste buffer gives an additional hint on alternative usage.
- \* Pull-down menus are now scrollable so they are always displayed (also the large menus in small terminal windows).
- \* Additional assignment of "Delete single" function (to delete without auto-indent, or to delete the last combining accent only) to F5 Backarrow.
- \* Additional commands (HOP) F1 F1 / Shift-F1 / Control-F1 / Alt-F1 to display a help status line of (shifted) function key assignments.
- \* Slight revision of function key assignments to improve intuitive usage and compliance with common usage.
- Unification of DOS version function key assignments.

#### Interoperability enhancements:

- \* Improved detection of shifted function keys on various kinds and modes of terminals.
- \* Added keyboard configuration examples for Control-function key detection for rxvt and mlterm to the runtime support library.
- \* Added script to support Unicode X font installation to the runtime support library.
- \* Modified xterm start script "uterm" so that with newer xterm versions (from 201) usage of the xterm built-in most recent version of Unicode width data is enabled (which is often more current than the system-provided locale version).
- \* Provided makefile for Interix.

#### Feature enhancements:

- \* Smart arrows added to optional smart input text replacements.
- \* New word case toggle function Shift-F3 cycling word casing between all small, beginning capital, and all capitals.
- \* The "search corresponding bracket" commands ESC ( or ESC ) now also match /\* \*/ pairs and #if #else/#elsif #endif structures.
- \* New TAB expansion option (-+4 or -+8) that expands TAB key input to an appropriate number of Space characters.

Further enhancements:

- \* Using paps (a Pango printing script) for printing if available.
  - \* Added PC DOS encoding ("codepage 437") to available encodings.
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## Mined Overview

Good interactive features

- \* Intuitive user interface
- \* Logical and consistent concept of navigating and editing text (without ancient line-end handling limitations or insert/append confusion)
- \* Supports various control styles:
  - Editing with command control, function key control, or menu control
  - Navigation by cursor keys, control keys, mouse or scrollbar
- \* Comprehensive menus (driven by keyboard or mouse)
- \* "HOP" key paradigm doubles the number of navigation functions that can be most easily reached and remembered by intuitively amplifying the associated function
- \* Immediate adjustment if the window size is changed, in any state of interaction

Versatile character encoding support

- \* Extensive Unicode support, including double-width and combining characters,
  - script highlighting,
  - various methods of character input support (mapped keyboard input methods, mnemonic and numeric input), supporting CJK, Vietnamese, Hebrew, Arabic, and other scripts
- \* Support of bidirectional terminals, Arabic ligature joining
- \* East Asian character set support: handling of major CJK encodings (including GB18030 and full EUC-JP with combining characters) in either Unicode terminal or CJK terminal
- \* Support for a variety of 8 bit encodings (mapped to Unicode) (with combining characters for Vietnamese and Thai)
- \* Support of CJK input methods by enhanced keyboard mapping including multiple choice mappings (handled by a pick list menu); characters in the pick list being sorted by relevance of Unicode ranges
- \* Han character information with description and pronunciation
- \* Auto-detection of text character encoding, edits files with mixed character encoding sections (e.g. mailboxes), transparent handling of UTF-16 encoded files
- \* Auto-detection of UTF-8 / CJK terminal mode and detailed features (like different Unicode width and combining data versions)
- \* Encoding support tested with:
  - xterm, mlterm, hanterm, cterm, rxvt,
  - kde konsole, linux console

Many useful text editing capabilities

- \* Many text editing features, e.g. paragraph wrapping,

auto-indentation and back-tab, smart quotes (with quotation marks style selection and auto-detection) and smart dashes

- \* Search and replacement patterns can have multiple lines
- \* Cross-session paste buffer (copy/paste between multiple – even subsequent or remote – invocations of mined)
- \* Marker stack for quick return to previous text positions
- \* Multiple paste buffers (emacs-style)
- \* Program editing features, HTML support and syntax highlighting, identifier and function definition search, also across files; structure input support
- \* Text and program layout features; auto-indentation and undent function (back-tab), numbered item justification
- \* Systematic text and file handling safety, avoiding loss of data
- \* Visible indications of special text contents (TAB characters, different line-end types, character codes that cannot be displayed in the current mode)
- \* Full binary transparent editing with visible indications (illegal UTF-8 or CJK, mixed line end types, NUL characters, ...)
- \* Print function that works in all text encodings
- \* Optional emacs command mode

Small-footprint operation and portability

- \* Plain text mode (terminal) operation, supporting wide range of terminals
- \* Instant start-up
- \* Runs on many platforms: Unix (Linux/Sun/HP/BSD/Mac and more), DOS (djgpp), Windows (cygwin, Interix)
- \* Makefiles also support legacy systems

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# Send submissions for comp.os.linux.announce to: cola@stump.algebra.com #  
# PLEASE remember a short description of the software and the LOCATION. #  
# This group is archived at http://stump.algebra.com/~cola/ #  
#####
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