

BareED, changes...

·ONIX·

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Chapter 1

BareED, changes...

1.1 Changes to last release...

This is version 0.9617 of BareED. It differs from previous versions in:

Revised DAC-Dump program and header files.

Implemented a "backtracking UNDO function" for deleted and partly
deleted lines but not for
single characters. This "UNDO-engine" is completely different compared
to those of other text
editors because it will not remember all actions between the time of deletion
and re- insertion. So
you don't have the hassle to fight yourself through all remembered steps
until you reach the point
you want to have undone.
Currently, there is a limit of ten UNDO levels (expandable up to 32767 - but
not right now offered
- since I'm lazy), means - if you make eleven mistakes the first one you
have made cannot be
undone by BareED.
You should bear in the back of your mind that every deletion will invoke
a process which will
cost system-memory. In addition, backtracking slows down almost every process!

Erased bug in button-bank creation that didn't redraw the current
page after attaching the
button-bank to the window.

Rework of GotoLine()-subroutine, which only switches to another page if really
necessary.

Due to unreliable result of backtracking (bookmarks, revision
control and undo) in some
circumstances AddLineFeed() and RemLineFeed() had to be extended. The
benefit is now that a
bookmark (or something similar) is handled incorrectly from the
programmer's point of view but
likely results in what the user really expects.

Implementation of UNDO for the deletion of words.

Eliminated a bug in the checking-routine for "Words Only" that made it impossible to return a valid result. Really stupid: Compare from numbers was managed so:

```
    if (text[len] > (UBYTE) '96' && text[len] < (UBYTE) '{')
        return FALSE;
instead of
    if (text[len] > (UBYTE) 96 && text[len] < (UBYTE) '{')
        return FALSE;
```

Eliminated a mistake that it made impossible for the "Goto"-subroutine to activate the last line of the archive.

Miscellaneous sweep cleans.

Major overhaul of GotoLine(). Depending on how many lines per page can be displayed, a page position will be chosen whereas the line itself is shown at a position around 25 percent below the topmost page's offset.

Significant increase of speed during the loading of a file.

Changed behaviour of "Find & Replace" so that the appearance fits to that of "Goto".

Added UNDO for replacements of strings that unfortunately uses up two UNDO-levels per recognition.

Since it is very complex to undo replacements, several enhancements had first to be added to BareED's source code until backtracking Undo for replacement was really usable. Now also the deletion and insertion of line-feeds within a string is handled correctly.

By the way, bugs which sat down in the Replace-engine since the earliest versions of BareED are gone with this new version because the Replace-engine was completely revised.

Implanted Undo for the insertion (inclusion) of files to the current archive.

Eliminated a bug that made it impossible for the UNDO-engine to restore more than 255 bytes of the Undo-buffer contents.

Enabled switches in button-bank parser in order to call "Print" and "Undo".

Major overhaul of button-bank parser. I fought more than three hours against a bug in the parser that caused BareED to hang in case a remark wasn't introduced by the semicolon.

Fixed a bug in the modifier for marked lines where the first to marked line wasn't marked in one,

special circumstance.