

MCEd

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	<i>TITLE :</i> MCEd		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	MCEd	1
1.1	MCEd 1.1	1
1.2	MCEd Copyright	1
1.3	Introduction to MCEd	2
1.4	Requirements for MCEd	2
1.5	Installation of MCEd	2
1.6	MCEd History	3
1.7	To do in MCEd	3
1.8	Indent.ced	3
1.9	MakeComment.ced	4
1.10	Outdent.ced	5
1.11	Paginate.ced	5
1.12	Preview.ced	5
1.13	Stats.ced	6
1.14	Undo.ced	6
1.15	About the Author	7

Chapter 1

MCEd

1.1 MCEd 1.1

MCEd 1.1

MCEd package is Copyright © 1993-95 Michael Letowski.
All rights reserved.

The author's native language is Polish, so please forgive bad spelling, grammar mistakes etc. Or better - correct them.

Copyright notice

Introduction

Requirements

Installation

History

To do

Indent

MakeComment

Outdent

Paginate

Preview

Stats

Undo

1.2 MCEd Copyright

Copyright

MCEd package is Copyright © 1993-95 Michael Letowski.

MCEd is freely distributable under the following conditions:

- no more than a reasonable fee is charged for copying/downloading;
 - this distribution is not a part of other non-free distribution;
 - the distribution is complete - it contains all the files (full list at the end of this chapter);
 - no file in the distribution is changed.
-

Distribution without meeting conditions specified above requires written permission from me.

The scripts from the package work, but no guarantee is given nor implied. In no case will I be liable for any results of using any of the commands supplied.

List of all files in the distribution:

```
CEdScripts
  Indent.ced
  MakeComment.ced
  Outdent.ced
  Paginate.ced
  Preview.ced
  Stats.ced
  Undo.ced
Install MCEd
Install MCEd.info
MCEd.guide
MCEd.guide.info
```

1.3 Introduction to MCEd

Introduction

This package contains 7 ARexx scripts for use with CygnusEd Professional 3.5 or higher. They provide basic wordprocessing capabilities and may also be useful to programmers. Here is a list of included scripts:

```
Indent.ced      - indents line/block;
MakeComment.ced - makes boxed comments;
Outdent.ced     - outdents line/block;
Paginate.ced    - adds page numbers to text;
Preview.ced     - shows text with formatting;
Stats.ced       - displays basic statistics for text;
Undo.ced        - undoes effects of any MCEd's script;
```

1.4 Requirements for MCEd

Requirements

All scripts require ARexx and CygnusEd Professional version 3.5 (or higher).

Preview.ced requires MultiView (AmigaDOS 3.0 or higher).

1.5 Installation of MCEd

Installation

Use supplied Installer script to copy files. Then, in CygnusEd, choose

"ARexx interface/Install ARexx command..." menu option to enter paths, names and parameters for the scripts. Don't forget to run REXXMAST before using any of these scripts!

1.6 MCEd History

History

Version 1.0 (2.1.95) - initial release

Version 1.1 (10.2.95):

Improvements:

- MakeComment.ced can now just comment-out a line;
- Indent.ced script added;
- Outdent.ced script added.

Bug fixes:

- Preview.ced could not start MultiView if one had been using topaz.font 8 or topaz.font 9.

1.7 To do in MCEd

To do

I'm waiting for your suggestions! If you have any idea, send it to me and I will make a script for you.

1.8 Indent.ced

NAME

Indent.ced - indent line/block.

SYNOPSIS

Indent.ced

DESCRIPTION

Indent.ced can operate on a line or block. If a block is marked, then it will work on this block otherwise it will affect current line. This script inserts tabulation char at the beginning of current line/each line in block and then restores cursor's position.

BUGS

Indent.ced doesn't work well with large blocks (>64KB). Also, for large blocks it may take some time to indent them. Cursor positioning after indenting is not always perfect for blocks.

1.9 MakeComment.ced

NAME

MakeComment.ced - make boxed comment in current file.

SYNOPSIS

MakeComment.ced [SHORT|LONG] [PAS|P|CPP|HPP|ADA|BAS|ASM|S|MAK]

DESCRIPTION

MakeComment.ced makes boxed comment in current file. If a block is highlighted, then this block will be commented. If no block is marked, then current line will be commented. There are three types of comments:

```
/*
** Short comments - string is not centered
*/,

/* Line comments - line is taken into comments */ and

/*****
/*                      Long comments - string is centered                      */
*****/
```

You can choose the chars that form a comment by giving a second parameter. If you don't, then the decision will be taken upon file's extension. If you specify a language not known to MakeComment then default (C-style) chars will be used.

PARAMETERS

```
SHORT - use short form (default);
LINE  - use line form;
LONG  - use long form;
PAS   - use Pascal style ((* and *));
P     - use old Pascal style ({* and *});
CPP   - use C++ style (//);
HPP   - use C++ style (//);
ADA   - use Ada style (--);
BAS   - use BASIC style (');
ASM   - use Assembler style (*);
S     - use Assembler style (;);
MAK   - use Make style (#);
```

BUGS

MakeComment.ced doesn't work well with large blocks (>64KB). Also, for large blocks it may take some time to make a comment.

NOTES

You can add your own styles by editing lines 29-37 of script (line 28 holds default style). Len. is a number of chars that form a comment, Beg. holds Len. chars that begin a comment, End. holds Len. chars that end a comment and Fill. is a char to be used as a fill.

For example, to quote a block (as in a mail program) you could add the following style:

```
Len.=1; Beg.=">"; End.="<"; Fill.=" ";
and use SHORT parameter.
```

1.10 Outdent.ced

NAME

Outdent.ced - Outdent line/block.

SYNOPSIS

Outdent.ced

DESCRIPTION

Outdent.ced can operate on a line or block. If a block is marked, then it will work on this block otherwise it will affect current line. This scripts removes first white character (tabulation or space) from the beginning of current line/each line in block reversing effect of Indent.ced. Lines not beginning with a white char are not affected.

BUGS

Outdent.ced doesn't work well with large blocks (>64KB). Also, for large blocks it may take some time to outdent them. Cursor positioning after outdenting is not always perfect for blocks.

1.11 Paginate.ced

NAME

Paginate.ced - add page numbers and page breaks

SYNOPSIS

Paginate.ced LinesPerPage [FF]

DESCRIPTION

Paginate.ced inserts page numbers into current file. Numbers are centered and enclosed between '-' chars. Example:

- 1 -

Numbers are added at the end of each page. Optionally, page breaks may be inserted after page numbers.

PARAMETERS

LinesPerPage - number of lines per page;
FF - add page break after each page number.

BUGS

A file being paginated may not contain page breaks.

NOTES

Number of lines per page can not be obtained from CygnusEd - you must provide it yourself. Read it from your printer preferences and give as a parameter.

1.12 Preview.ced

NAME

Preview.ced - show file with formatting

SYNOPSIS

Preview.ced BACKDROP

DESCRIPTION

A big disadvantage of CygnusEd is its inability to show formatting (italics, bold, colors). This script will show current file with ANSI formatting.

PARAMETERS

BACKDROP - opens MultiView as a backdrop (only if CEd is on its own screen).

NOTES

A file is being shown with MultiView, as a clipboard. Files will be shown on CEd's screen (if public) or on Workbench, using CEd's font.

1.13 Stats.ced

NAME

Stats.ced - display file's statistics

SYNOPSIS

Stats.ced

DESCRIPTION

This script gives basic statistics (size, number of lines, number of words, number of sentences) about current file. You can also get block's statistics (if a block is marked). This macro is much faster than ADPro's one, because it uses ARexx's internal functions to do calculations.

BUGS

This script doesn't work well for files/blocks larger than 64KB. This is because ARexx's string are limited to that size. I'm not going to fix this bug since it is not my fault.

Also, the words are counted as ARexx words (separated by spaces) rather than CEd's words (separated by non-alphanumeric chars).

1.14 Undo.ced

NAME

Undo.ced - undo multiple changes

SYNOPSIS

Undo.ced

DESCRIPTION

This script undoes multiple changes made by one of other scripts from MCEd package. If no changes has been recorded, it will just undo last change. For example, one call to Undo.ced will remove all changes made by Paginate.ced, MakeComment.ced, Indent.ced or Outdent.ced.

NOTES

If you have written a script and want it to be compatible with Undo.ced then do the following:

- copy procedure UndoClipName from this script (lines 41-43);
- count number of changes your script makes;
- CALL SetClip(UndoClipName(),G.Ops)

Undo.ced maintains separate undo queue for each opened file.

1.15 About the Author

About the Author

MCEd package was written by Michael Letowski, who is a Software Engineering student at Technical University of Wroclaw and has A1200.

If you have something to say me (questions, remarks, suggestions, wishes, bug reports) please contact me (I like receiving mail!):

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