QEDITOR

Use it to edit information normally edited on ICCF or TSO - JCL to be submitted, user updatable logs, lists of in house manuals, or any other small lists that users may keep. Keep users off of ICCF or TSO. Our CICS/JSUB product can be used to submit the queue (if it is JCL) to the reader after the user has finished editing.

Allow users to edit data with a full function on-line editor. CICS/QEDITOR is an easy to use editor invoked by your application programs. When editing is complete, control is given back to your application program to process or store the data.

Programming to interface with CICS/QEDITOR is simple:
1) Build a Temp Storage Queue containing the data to edit.
2) XCTL or LINK to the QEDITOR passing a COMMAREA.
   If you LINK to QEDITOR, it will run conversationally.
   If you XCTL, it will run pseudo-conversationally.
3) QEDITOR will RETURN or XCTL to your program when editing is finished. Just check the return code in the COMMAREA and read the Temp Storage Queue.

Edit features include:
1) Individual and group moves, copies, and deletes,
2) Insertion of single or multiple new lines,
3) Text split and text flow to enhance insertion and realignment capabilities,
4) Individual and group line replication,
5) Find/change and repeat find/change capabilities,
6) Convenient scrolling to move throughout the edited document,
7) Up to 500 characters per line and 16,000 lines,
8) Online Help,
9) Alternate screen size support.

Options include:
1) Choosing edit defaults to be like ISPF or ICCF.
2) PFkey customization to meet your site specific needs,
3) Having the line commands on the right or left hand side of the screen,
4) Limiting the number of records that can be edited,
5) Allowing browse only capability,
6) Customizing the heading line at the top of the screen.

Included is a sample program to XCTL to the QEDITOR program so you can test the editor without having to write your own application.

QEDITOR

Commands can be keyed anywhere in the four position line command (*==*).
The following example shows how a group of lines can be moved from one
location to another. In this example the entire move takes place on one screen,
but the block of lines could have spanned several screens.

```
MACKINNEY SYSTEMS    CICS/QEDITOR              COL   1 TO  72 OF  72
EDIT ....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
TOP   SAMPLE  LINE  001                        SAMPLE  LINE  001
*==*    SAMPLE  LINE  002                       SAMPLE  LINE  002
*==*      SAMPLE  LINE  003                       SAMPLE  LINE  003
*==*        SAMPLE  LINE  004                       SAMPLE  LINE  004
*==*          SAMPLE  LINE  005                       SAMPLE  LINE  005
MM=*            SAMPLE  LINE  006                       SAMPLE  LINE  006
*==*              SAMPLE  LINE  007                       SAMPLE  LINE  00
*==*                SAMPLE  LINE  008                       SAMPLE  LINE  0
*==*                  SAMPLE  LINE  009                       SAMPLE  LINE
MM=*                    SAMPLE  LINE  010                       SAMPLE  LINE
*==*                      SAMPLE  LINE  011                       SAMPLE  LINE
*==*                        SAMPLE  LINE  012                       SAMPLE  LIN
*==*                          SAMPLE  LINE  013                       SAMPLE  LI
*==*                            SAMPLE  LINE  014                       SAMPLE  L
A==*                              SAMPLE  LINE  015                       SAMPLE
*==*                                SAMPLE  LINE  016                       SAMPLE
*==*                                  SAMPLE  LINE  017                       SAMPLE
*==*                                    SAMPLE  LINE  018                       SAMPL
*==*                                      SAMPLE  LINE  019                       SAMP
*==*                                        SAMPLE  LINE  020                       SAM
     ....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
     1-Hlp 2-Can 3-End 4-F/C 5-RFd 6-RCh 7-Up 8-Dwn 9-Top 10-Lft 11-Rt 12-Bt
```

beginning of block

end of block

move block after line 15

Lines 006 through 010 have been marked as the beginning and ending of a
block and are (M)oved (A)fter line 015.

```
MACKINNEY SYSTEMS    CICS/QEDITOR              COL   1 TO  72 OF  72
     ....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
TOP   SAMPLE  LINE  001                        SAMPLE  LINE  001
*==*    SAMPLE  LINE  002                       SAMPLE  LINE  002
*==*      SAMPLE  LINE  003                       SAMPLE  LINE  003
*==*        SAMPLE  LINE  004                       SAMPLE  LINE  004
*==*          SAMPLE  LINE  005                       SAMPLE  LINE  005
*==*            SAMPLE  LINE  011                       SAMPLE  LINE
*==*              SAMPLE  LINE  012                       SAMPLE  LIN
*==*                SAMPLE  LINE  013                       SAMPLE  LI
*==*                  SAMPLE  LINE  014                       SAMPLE  L
*==*                    SAMPLE  LINE  015                       SAMPLE
*==*          SAMPLE  LINE  006                       SAMPLE  LINE  006
*==*            SAMPLE  LINE  007                       SAMPLE  LINE  00
*==*              SAMPLE  LINE  008                       SAMPLE  LINE  0
*==*                SAMPLE  LINE  009                       SAMPLE  LINE
*==*                  SAMPLE  LINE  010                       SAMPLE  LINE
*==*                      SAMPLE  LINE  016                       SAMPLE
*==*                        SAMPLE  LINE  017                       SAMPLE
*==*                          SAMPLE  LINE  018                       SAMPL
*==*                            SAMPLE  LINE  019                       SAMP
*==*                              SAMPLE  LINE  020                       SAM
     ....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
     1-Hlp 2-Can 3-End 4-F/C 5-RFd 6-RCh 7-Up 8-Dwn 9-Top 10-Lft 11-Rt 12-Bt
```

block moved

(QEDITOR allows you to have your command lines on the left (like ISPF) or
right (like ICCF). Note that in the next example they are on the right. You can
also customize your PF keys.

In the following example notice that we have left out the second sentence (between <u>Systems.</u> and <u>This</u>). We can insert our sentence and reformat our paragraph using TEXT SPLIT (S) and TEXT FLOW (F). First, we key 'S1' on the command line to indicate we are going to split the text and we want one blank line inserted. Then we move our cursor to the point where we want to split the text (under the 'T' of This) and press ENTER.

```
MACKINNEY SYSTEMS     CICS/QEDITOR               COL   1 TO  72 OF  72
....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
    The information contained in this manual is a proprietary product   *==
of MacKinney Systems. This manual or any part thereof may not be        S1=*
reproduced, copied, or in any manner altered without the express        *==
written consent of MacKinney Systems. However, this manual may be       *==
reproduced or copied by the Buyer for exclusive internal use only       *==
without written consent.                                                *==
    The use of the information contained in this manual by a third       *==
party without the express written consent of MacKinney Systems is       *==
strictly forbidden.                                                     *==
```

```
MACKINNEY SYSTEMS     CICS/QEDITOR               COL   1 TO  72 OF  72
....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
    The information contained in this manual is a proprietary product   *==
of MacKinney Systems.                                                   *==
                                                                        *==
This manual or any part thereof may not be                              *==
reproduced, copied, or in any manner altered without the express        *==
written consent of MacKinney Systems. However, this manual may be       *==
reproduced or copied by the Buyer for exclusive internal use only       *==
without written consent.                                                *==
    The use of the information contained in this manual by a third       *==
party without the express written consent of MacKinney Systems is       *==
strictly forbidden.                                                     *==
```

After pressing ENTER, the remainder of the line beginning with <u>This</u> is shifted down as displayed, leaving one blank line.

```
MACKINNEY SYSTEMS     CICS/QEDITOR               COL   1 TO  72 OF  72
....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
    The information contained in this manual is a proprietary product   F==
of MacKinney Systems. The use of this manual is authorized through a    *==
License Agreement for the exclusive use of the buyer.                   *==
This manual or any part thereof may not be                              *==
reproduced, copied, or in any manner altered without the express written *==
consent of MacKinney Systems. However, this manual may be reproduced    *==
or copied by the Buyer for exclusive internal use only without written  *==
consent.                                                                *==
    The use of the information contained in this manual by a third       *==
party without the express written consent of MacKinney Systems is       *==
strictly forbidden.                                                     *==
```

We can then key in our sentence and enter 'F' (TEXT FLOW) in the command line.

```
MACKINNEY SYSTEMS     CICS/QEDITOR               COL   1 TO  72 OF  72
....+....1....+....2....+....3....+....4....+....5....+....6....+....7..
    The information contained in this manual is a proprietary product   *==
of MacKinney Systems.  The use of this manual is authorized through a   *==
License Agreement for the exclusive use of the Buyer.  This manual or   *==
any part thereof many not be reproduced, copied, or in any manner       *==
altered without the express wirtten consent of MacKinney Systems.       *==
However, this manual may be reproduced or copied by the Buyer for       *==
exclusive internal use only without written consent.                    *==
     The use of the information contained in this manual by a third      *==
party without the express written consent of MacKinney Systems is       *==
strictly forbidden.                                                     *==
```

When we press ENTER the text in our paragraph will flow to the defined line length (in this case 72) until it hits the next paragraph.

If we wanted to flow the text to another length, we could have entered 'Txx' where 'xx' was the length we wanted (i.e. 'T60' would cause our text to flow into a line length of 60).

QEDITOR

Of course you can update data on any line, but the real advantage of using
CICS/QEDITOR is the ability to insert, add, delete, repeat, copy, move, split,
and flow lines. All commands have a brief explanation given on the help
screen which can be displayed at any time by pressing PF1.

```
HELP                MACKINNEY SYSTEMS      CICS/QEDITOR

A   : After         Insert copied/moved lines(s) after this line
B   : Before        Insert copied/moved lines(s) before this line
Cxx : Copy          Copy xx number of lines - default is 1
CC  : Copy Group    Copy group of lines
Dxx : Delete        Delete xx number of lines - default is 1
DD  : Delete Group  Delete group of lines
E   : Erase         Erase entire line (erases beyond view of screen)
Fxx : Flow          Flow text xx positions until new para - default is linesize
Ixx : Insert        Insert xx number of blank lines - default is 1
Mxx : Move          Move xx number of lines - default is 1
MM  : Move Group    Move group of lines
Rxx : Repeat        Repeat xx number of lines - default is 1
RR  : Repeat Group  Repeat group of lines
Sxx : Split         Split line at cursor and insert xx no. of lines - def. is 0
/   : Top           Make this the first line on the screen
<xx : Scroll Bkwds  Scroll backwards xx number of lines - default is 0
>xx : Scroll Fwds   Scroll forwards xx number of lines - default is 0

Pf 1/13: Help          Pf 2/14: Cancel changes    Pf 3/15: End of edit
Pf 4/16: Fnd/Chg Menu  Pf 5/17: Repeat Find       Pf 6/18: Repeat Change
Pf 7/19: Up 1 page     Pf 8/20: Down 1 page       Pf 9/21: Top of queue
Pf10/22: Left 10 cols  Pf11/23: Right 10 cols     Pf12/24: Botm of queue
```

**You may customize the PFkey assignments to meet your shop
standards. You do not have to use the defaults provided.**
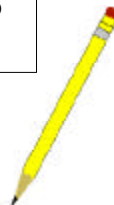
Call us or send the lease/trial agreement for a free 30 day trial.
We will ship CICS/QEDITOR the same day the request is received.

CICS/QEDITOR runs on VSE as well as MVS. To install, just unload the
tape and customize if desired. Add the PPT/PCT entries with CEDA and
start testing.

An editor using CICS/QEDITOR and a VSAM dataset with the ability to submit
jobs is now available. It allows users to change parameters and submit jobs
without giving them access to TSO or ICCF. Each user can have his own secure
library. Facilities for transferring members to/from a PDS or VSE library are
included. CICS/MINIEDIT is also available for a free trial.