RIO Electric
Blackboard™*

Zilog

Product
Brief

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Features

- Full-screen text editor
- Simple, easy-to-remember commands
- Edits any size file
- Provides automatic file backup
- Easily reconfigured for any CRT

- Multiple windows on screen:
  - Same file may be shared by two or more windows
  - Screen can be divided horizontally and vertically
  - Text may be moved between windows

Description

The RIO Electric Blackboard is a sophisticated multi-window, full-screen text editor. The Electric Blackboard allows the user to divide the CRT screen into horizontal and vertical "windows." Because all editing is done directly to the text on the screen, the results are seen immediately.

Multiple Windows. A window acts as an in-dependent text editor – with its own tab settings, page sizes, cursor position (and so forth). The Electric Blackboard allows the screen to be divided into horizontal and vertical windows. Windows can be as narrow as one column and as thin as one line. As many as ten windows can be displayed on the screen at the same time.
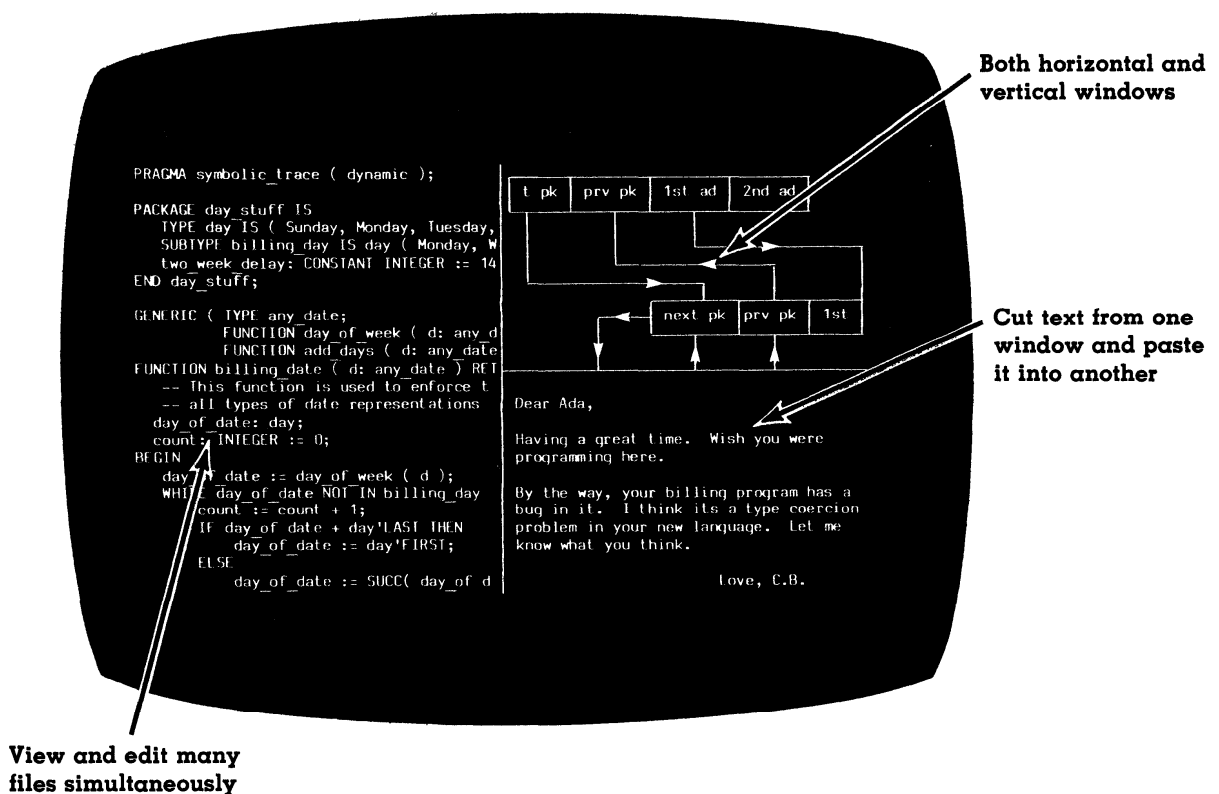

Both horizontal and vertical windows

Cut text from one window and paste it into another

View and edit many files simultaneously

Figure 1. Three windows looking at three files: A program, a spec and a trouble report.

*Electric Blackboard is the trademark of Santa Cruz Software Services.

Description
(Continued)

The same file may be shared by two or more windows. This is useful when two physically separate but logically connected pieces of text in the same file are to be edited or viewed simultaneously. Text can be moved or copied within or between windows allowing text and figures to be easily rearranged.

Find and Replace Strings. The next or previous occurrence of characters can be found or replaced with another string. Strings can also be repeatedly found and selectively replaced.

Simple, Easy-to-Remember Commands. The Electric Blackboard supports a command mode with English-list mnemonics. See Table 1 for available commands.

Saves Keystrokes. At any time during an editing session the user can record the exact keystrokes that are being typed. Later the recorded keystrokes can be executed. Once keystrokes have been recorded they can also be saved as a file on disk for later use—thus libraries of prerecorded procedures can be built.

Edits Large Files. The length of a text file is limited only by the amount of space on the disk. The Electric Blackboard automatically manages memory for large files. As a window is moved through a file, those parts of the file that are needed are read in from the disk.

Automatic File Backup. Each time a file is saved, the previous version of the file is saved as a back-up file. In addition, the original disk image of the file being edited is not modified until the file is saved.

Easily Reconfigured for a Wide Range of CRTs. The Infoton 200, ADM 3, and ADM 31 CRTs are supported by Zilog. However, a different CRT may be used with the Electric Blackboard simply by making the appropriate changes to the configuration package.

Function	Command	Function	Command
Single Key Commands		*Escape Key Commands* (continued)	
		Moving Text	
Delete previous character	RUB Key	Move Marked Text	MM
Move cursor to next line	RETURN Key	Move Box	MB
Terminate execution	BREAK Key	Move Workspace	MW
Move cursor	↑ ↓ → ← Keys	Copy Marked Text	CM
Move cursor to home position	HOME Key	Copy Box of Text	CB
Move cursor to next tab stop	TAB Key	Copy Workspace	CW
Escape Key Commands		Loading, Saving and Sharing Files	
Cursor Control		Load File	LF
Insert Character	IC	Save File	SF
Delete Character	DC	Use File	UF
Replace Character	RC	Use Option	UO
Insert Lines	IL	Use Window	UW
Delete Lines	DL		
Replace Lines	RL	Finding and Replacing Strings	
Set Margin	SM	Find Next	FN
Reset Margin	RM	Find Previous	FP
		Replace Next	RN
Marking Text		Replace Previous	RP
Insert Mark Begin	IMB	Replace Repeat Next	RRN
Insert Mark End	IME	Replace Repeat Previous	RRP
Delete Marks	DM		
		Managing Keystrokes	
Erasing Text		Load Keystrokes	LK
Erase Workspace	EW	Save Keystrokes	SK
Erase Marked Text	EM	Delete Keystroke workspace	DK
Erase Box	EB	eXecute Keystroke workspace	XK
		eXecute File	XF
Inserting and Deleting Windows			
Insert Window	IW		
Insert Window Horizontally	IH		
Insert Window Vertically	IV		

Table 1. Electric Blackboard Commands