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File Menu

This section of the help file describes the contents of the File popup menu and how to use it.

Display Menu

This section of the help file describes the contents of the Display popup menu and how to use it.

Help Menu

This section of the help file describes the contents of the Help popup menu and how to use it.

Program Overview

EXELOOK is a WIN32 application that is somewhat comparable to the hoary old EXEHDR utility distributed by Microsoft with MSC. EXELOOK allows you to peer at the various headers and structures in a WIN32 "PE" (portable executable) file.

Release History

Portions of EXELOOK were published in the Power Programming column during January and February, 1993. The first version was posted on CompuServe in December 1992. An updated version was posted in March 1993 was tested with the March 1993 ("Beta II") release of Windows NT. Yet another version was posted in June '93 that was expanded to demonstrate the use of hook procedures and the implementation of context sensitive help.

Known Bugs and Limitations

EXELOOK has not been tested with DLLs that export their functions by ordinal only.

EXELOOK does not work with the current WIN32S libraries, because the pre-release version of WIN32S for Windows 3.1 does not support the mapped file functions. Thus, at present, EXELOOK can only be run under Windows/NT.

Copyright Notice and Disclaimers

EXELOOK is Copyright (C) 1993 Ray Duncan. The source code has been provided "as is" for your private use only. EXELOOK may not be resold or incorporated into any other program without permission in writing from Ray Duncan and Ziff Davis Publishing. You may upload the EXELOOK program and its source files to other on-line services, so long as you do not make any changes to the original ZIP file.

Overview of PE Files

This section of the help file will contain a general discussion of the PE file format and its ancestors.

MZ Header

This section of the help file will contain an explanation of the "MZ" real mode program header.

Real-Mode Stub Program

This section of the help file will contain a description of the real mode "stub" program.

PE File Header

This section of the help file will contain a description of the "PE" (portable executable or paged executable) file header.

COFF File Header

This section of the help file will contain a description of the COFF File Header.

COFF Optional Header

This section of the help file will contain a description of the COFF Optional File Header.

Section Headers

This portion of the help file will contain a description of the COFF Section Headers.

.text Section

This portion of the help file will contain an explanation of the COFF .text (code) section.

.data Section

This portion of the help file will contain an explanation of the COFF .data (initialized data) section.

.bss Section

This portion of the help file will contain an explanation of the COFF .bss (uninitialized data) section.

.idata Section

This portion of the help file will contain an explanation of the COFF .idata (import table) section.

.edata Section

This portion of the help file will contain an explanation of the COFF .edata (export table) section.

.rsrc Section

This portion of the help file will contain an explanation of the COFF .rsrc (resource table) section.

