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DATE:
April 24, 1998

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FILE:
lowcd.zip

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SIZE:
463 KBytes

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CONTENTS OVERVIEW:
Sample code from SCEE's Mike Kavallierou (Mike_Kavallierou@playstation.sony.com)
demonstrating various methods of CD access. Thanks to Duncan at SN Systems
for help with the ISO format.

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INSTRUCTIONS:

Use PKUNZIP or WinZip to extract the contents of this ZIP file
to a directory on your hard-drive. Then read the "readme.txt"
that accompanies each sample. For any questions, write to Mike
at his email address "Mike_Kavallierou@playstation.sony.com".

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CONTENTS IN DETAIL
(written by Mike Kavallierou):

Example code showing CD access to obtain interesting information about CD's

NOTES You will need to change the various filenames for your
 own in all the examples as I have not included any of
 the files I reference in any of the CD examples

Directory Structure

Example1 - New CdSearchFile which removes the limitations of the current
 library CdSearchFile. You can now have as many files
 as you want in a directory. Note that the various ISO-9660
 limitations still apply, e.g. maximum 8 levels of directory
 depth etc..

Example2 - Modified example1, includes:
 CheckISO() function which checks that the CD is an ISO image

 displayPVD() function that displays some interesting information
 about the CD's PVD which contains details such as
 publisher / volume information

 GetRootDirDetails() obtains root directory info to
 allow the directory structure to be output

 PrintDirDetails() outputs CD directory structure
 including file sizes and positions

Plus other utility functions to allow the main ones
to operate

Example3 - Modified example2, includes:

GetNumDirEntries() function that returns the number of files
within a specified directory

GetDirDetails() function that fills a structure with
file information from a specified directory

Example4 - Modified example2, includes:

CheckDisk() function which checks that the CD file
layout is compliant with the library
CdSearchFile() function

Example5 - CD browser program using the techniques used in the previous
examples. This program can be used to browse CD's
and preview standard .TIM and .STR files from any CD.
Other functions such as a sound player could be
added. The program also can be used to display
the file details such as size and position on
the CD. Also the example shows how to swap
disks on the PlayStation.

Docs - Various ISO documentation

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