

Kanji Support in CD-ROM Extensions

The Kanji support in MSCDEX presently recognizes High Sierra CD-ROM discs with a coded character set that has bit 0 set to 1 in the volume flags. The set bit specifies that at least one escape sequence is not registered according to ISO 2375, and has an escape sequence of three bytes in the coded character set for descriptor identifiers field of "\$+:". This indicates that the character set is a private multi-byte G3 coded character set and identifies the disc as having shift-Kanji.

Scanning for the Supplementary Volume Descriptor

The command line switch **/K** makes MSCDEX scan for the SVD (Supplementary Volume Descriptor) instead of the PVD (Primary Volume Descriptor). When you specify this switch, MSCDEX uses the shift-Kanji SVD if it is present, otherwise it uses the PVD. All discs are required by ISO-9660 to have a PVD even if there is an SVD.

In addition, the accompanying program SVD can change the default preference each CD-ROM drive has for scanning for a SVD or PVD. The syntax is:

SVD [<drive letter>: <std | svd>]

Running SVD with no arguments will report the current settings. Including a drive letter and either STD or SVD will change the preference for that drive from one to the other. Alternately, you can use INT 2fh function 150Eh. For more information on this function, see the "Function Requests Specification" section.

End.