

ANUCHAI TRIRAROUNGCHAI SRI : THE DEVELOPMENT OF DEVICE DRIVER
SUBPROGRAMS FOR CD-ROM.

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This device driver subprograms were developed on SCO UNIX SYSTEM V/386 to drive CD-ROM that were interfaced with the system via SCSI BUS. This device driver allows application programs to access CD-ROM as a read only direct access block device. Application programs can use normal system call to access and read character data from CD-ROM. The data structure of compact disk must be conformed to "The Yellow book : CD-ROM " standard developed by Philips of the Netherlands and Sony of Japan with the high level data structure standard developed by International Organization of Standardization number ISO 9660-1988-09-01 named "Information processing -Volume and File Structure of CD-ROM for Information Interchange". It was found that the driver could work very well, and it could be developed for any searching applications.