

Standard ECMA-168

Volume and File Structure of Read-Only and Write-Once Compact Disk Media for Information Interchange

2nd edition (December 1994)

This Standard specifies a format and associated system requirements for volume and boot block recognition, volume structure, file structure and record structure for the interchange of information between users of information processing systems using CD-WO (a write-once compact disc medium), hybrid CD-WO (a write-once compact disc with a read-only area), and CD-ROM disks.

NOTE 1

CD-WO is an evolution of CD-ROM technology which allows the recording of information on a write-once Compact Disc medium.

This Standard refers to two types of volume and file structures:

- Standard [ECMA-119](#)
- The structure of this Standard.

NOTE 2

*This Standard is an enhancement of Standard **ECMA-119**. It allows greater information interchange using CD-ROM for publishing applications. In addition, it supports incremental recording and updating of information stored on a CD-WO disc. It is extensible to support future application and information processing system requirements. Under certain restrictions (see 3/B.2.1), a disk may be recorded that is in conformance with both Standard **ECMA-119** and this Standard.*

This Standard consists of the following four Parts:

- Part 1: General
- Part 2: Volume and Boot Block Recognition
- Part 3: Volume and File Structure
- Part 4: Record Structure
- Annex A - Restrictions on a standard for recording, is part of Part 3
- Annex B - Methods of interchange, is part of Part 3
- Annex C - CD-WO disc format and system requirements, is part of Part 3
- Annex D - CD-WO subsystem interface requirements, is part of Part 3.

Part 1 specifies references, definitions, notation and basic structures that apply to the other three Parts.

The following files are provided in this set of CD-ROMs:

File name	Size (Bytes)	Content
ECMA-168.PDF	473'616	Acrobat PDF file
ECMA-168.PSC	2'134'292	Corresponding PostScript file

Printed copies of this Standard can be ordered, free of charge, from documents@ecma.ch.