

APPENDIX G

The ASCII Character Set

ASCII (American Standard Code for Information Interchange) is the American variant of an officially–recognized, standard, international character set called the ISO (International Organization for Standardization) set. It specifies an encoding for 128 characters. Within the ISO character code there may exist national variants for 12 symbols (such as the currency symbol \$). The 128 characters consist of 95 which print as single graphics and 33 which are used for device control. The backspace control character is specifically used to allow overprinting of characters such as accents on letters in some languages.

the 33 device–control characters:

ACK	Acknowledge	FF	Form Feed
BEL	Bell	FS	File Separator
BS	Backspace	GS	Group Separator
CAN	Cancel	HT	Horizontal Tab
CR	Carriage Return	LF	Line Feed
DC1	Device Control 1	NAK	Negative Acknowledge
DC2	Device Control 2	NUL	Null
DC3	Device Control 3	RS	Record Separator
DC4	Device Control 4	SI	Shift In
DEL	Delete	SO	Shift Out
DLE	Data Link Escape	SOH	Start of Heading
EM	End of Medium	STX	Start of Text
ENQ	Enquiry	SUB	Substitute
EOT	End of Transmission	SYN	Synchronous Idle
ESC	Escape	US	Unit Separator
ETB	End of Transmission Block	VT	Vertical Tab
ETX	End of Text		