

Atari 8-Bit Error Codes

This book is a guide to error codes on the Atari 8-bit computer.

ACTION! Errors

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- 0 Out of system memory
- 1 Missing double quote in string
- 2 Nested DEFINES
- 3 Global variable symbol table full
- 4 Local variable symbol table full
- 5 SET directive syntax error
- 6 Declaration error
- 7 Invalid argument list
- 8 Variable not declared
- 9 Not a constant
- 10 Illegal assignment
- 11 Unknown error
- 12 Missing THEN
- 13 Missing FI
- 14 Out of code space
- 15 Missing DO
- 16 Missing TO
- 17 Bad expression format
- 18 Unmatched parentheses
- 19 Missing OD
- 20 Can't allocate memory
- 21 Illegal array reference
- 22 Input file too large
- 23 Illegal conditional expression
- 24 Illegal FOR syntax
- 25 Illegal EXIT: no DO - OD loop to EXIT out of
- 26 Nesting too deep (16 levels max)
- 27 Illegal TYPE syntax
- 28 Illegal RETURN
- 61 Out of symbol table space

Atari Assembler Cartridge Errors

Atari Assembler Cartridge Errors

- 1 Insufficient memory for assembly
- 2 The number xx cannot be found for the "DEL xx,yy" command
- 3 Error in specifying an address in mini-assembler
- 4 File cannot be loaded
- 5 Undefined reference label
- 6 Syntax error in a statement
- 7 Label defined more than once
- 8 Buffer overflow
- 9 No label given before "=".
- 10 Byte expression is greater than 255
- 11 Null string used where invalid
- 12 Address or address type specified is incorrect
- 13 Phase error: inconsistent result found from pass 1 to pass 2
- 14 Undefined forward reference
- 15 Line too large
- 16 Source statement not recognized by assembler
- 17 Line number too large
- 18 LOMEM command attempted after other commands/instructions
- 19 No starting address given

Atari BASIC & OSS BASIC XL/XE Errors

Atari BASIC & OSS BASIC XL/XE Errors

- 1 OSS: BREAK key pressed
- 2 Memory full: Insufficient memory for a statement, variable, or DIM
- 3 A value is outside its expected range
- 4 Too many variables: more than 128 variables have been defined
- 5 A string exceeded its dimensioned length
- 6 Out of DATA: a READ occurred for which there was no DATA
- 7 A value is not a positive integer or exceeds 32767
- 8 INPUT or READ type mismatch
- 9 DIM error
- 10 Too many nested GOSUBS -- Argument stack overflow
- 10 OSS: Expression too complex
- 11 Floating point overflow/underflow error
- 12 Line not found: referenced line number does not exist
- 13 NEXT with no corresponding FOR
- 14 Statement is too long or too complex
- 15 NEXT or RETURN refers to deleted FOR or GOSUB
- 16 RETURN with no corresponding GOSUB
- 17 Bad line -- Invalid instruction or address encountered
- 18 String begins with an invalid value, or VAL string is not numeric
- 19 Insufficient memory to LOAD program
- 20 Invalid device number
- 21 Attempted to LOAD a non-LOAD file
- 22 OSS: USING string too big
- 23 OSS: USING value too big
- 24 OSS: USING type mismatch
- 25 OSS: RGET DIM mismatch
- 26 OSS: RGET type mismatch
- 28 OSS: Invalid structure
- 29 OSS: P/M # out of range
- 30 OSS: P/M Graphics not active
- 32 OSS: End of ENTER
- 34 OSS: Can't NUM/RENUM: parameter is 0
- 35 OSS: Can't NUM/RENUM: exceeded maximum line # (32767)
- 40 OSS: String type mismatch
- 65 BXE: EXTENDED memory not available
- 100 BXE: Command requires disk extensions

DOS or other Operating System Errors

DOS or other Operating System Errors

- 3 MyDOS: Last byte of file read, next read will return EOF
- 128 BREAK occurred during I/O
- 129 IOCB already open
- 130 Specified device does not exist
- 131 Attempted to read a write-only device
- 132 Invalid I/O command
- 133 File or device is not open
- 134 Invalid IOCB number
- 135 Attempted to write to a read-only device
- 136 End of file
- 137 Truncated Record: tried to read a record longer than allowed
- 138 Device Timeout: Device did not respond to I/O commands
- 139 Device NAK: I/O error or faulty device
- 140 Serial bus input framing error
- 141 Cursor exceeded range of graphics mode
- 142 Serial bus data frame overrun
- 143 Serial bus data frame checksum error
- 144 Device done error, bad sector, or write-protected disk
- 145 Read after write compare error
- 146 Function not implemented in handler

147 Insufficient memory for selected graphics mode
 148 Sparta: Unrecognized disk format
 149 Sparta: Disk not SpartaDOS version 2.x
 150 Sparta: Directory not found
 151 Sparta: File exists, may not replace or delete
 152 Sparta: Not a binary file
 154 SDX: Loader symbol not defined/driver not loaded
 156 SDX: Bad parameter
 158 SDX: Out of memory
 160 Invalid unit/drive number
 161 Too many files are open
 162 Disk full
 163 Atari DOS: Unrecoverable system data I/O error
 163 MyDOS: Write protected or system error, disk not readable
 163 Sparta: Illegal wild card in filename
 164 File number mismatch
 164 Sparta: File is erase-protected
 165 Invalid filename
 166 Invalid POINT request
 167 File locked/protected
 167 Sparta: Cannot delete directory
 168 Invalid or privileged device command
 169 Directory full
 169 Sparta: Disk is write-locked
 170 File not found
 171 POINT invalid or IOCB not open
 172 SmartDOS: Illegal append
 172 MyDOS: File/directory name exists in parent directory

 173 Bad disk or drive, cannot format
 174 MyDOS: Directory not in parent directory
 175 MyDOS: Directory not empty, cannot delete
 180 MyDOS: Not a binary file
 181 MyDOS: Invalid Address range for loading binary file

MAC/65 Errors

MAC/65 Errors

1 Memory Full
 2 Invalid delete
 3 Branch too far
 4 Expression for immediate or indirect addressing is greater than 255
 5 Undefined label encountered
 6 Expression too complex for assembler
 7 Duplicate label name
 8 Editor syntax buffer overflow -- line too long
 9 Extra .ELSE or .ENDIF
 10 Byte expression exceeded 255
 11 Conditionals nested too far (14 levels max)
 12 Nested macro definition or missing .ENDM
 13 Phase error: pass 2 and pass 1 addresses don't match
 14 Program counter was forward referenced
 15 Editor syntax overflow -- line too complex for editor
 16 Duplicate macro name
 17 Line number greater than 65535
 18 Missing .ENDM -- EOF encountered before .ENDM
 19 No origin address given
 20 NUM/REN generated line number greater than 65535
 21 Included file contained an .INCLUDE directive
 22 List output buffer exceeded 255 characters
 23 File was not created with SAVE command
 24 Load file cannot fit in memory
 25 File is not in a valid binary format
 27 Invalid .SET

- 30 Undefined macro
- 31 Macros nested too far (14 levels max)
- 32 Macro referenced nonexistent parameter

Microsoft BASIC II Errors

- Microsoft BASIC II Errors
- 1 NEXT without FOR
 - 2 Syntax error
 - 3 RETURN without GOSUB
 - 4 Out of DATA
 - 5 Function call error
 - 6 Overflow
 - 7 Out of memory
 - 8 Undefined line
 - 9 Subscript out of range
 - 10 Redimension error
 - 11 Division by zero
 - 12 Illegal direct
 - 13 Type mismatch
 - 14 File I/O error
 - 15 Quantity too big
 - 16 Formula too complex
 - 17 Can't continue
 - 18 Undefined user function
 - 19 No RESUME
 - 20 RESUME without error
 - 21 FOR without NEXT
 - 22 LOCK error
 - 23 Time error