

f90_iostat: Fortran IOSTAT Module

July 31, 2012

1 Name

f90_iostat — Intrinsic module providing IOSTAT error codes

2 Usage

USE F90_IOSTAT

or

USE,INTRINSIC :: F90_IOSTAT

3 Synopsis

Parameters

IOERR_ARRAY_OF_ARRAY, IOERR_BACKSPACE_FAILED,
IOERR_BACKSPACE_OF_UNF_STREAM, IOERR_BAD_ACCESS, IOERR_BAD_ACTION,
IOERR_BAD_ADVANCE, IOERR_BAD_ASYNCHRONOUS, IOERR_BAD_BINARY,
IOERR_BAD_BLANKS, IOERR_BAD_BNBZ, IOERR_BAD_CHAR, IOERR_BAD_COMPLEX,
IOERR_BAD_DECIMAL, IOERR_BAD_DELIM, IOERR_BAD_EDIT,
IOERR_BAD_EDIT_FOR_CHARACTER, IOERR_BAD_EDIT_FOR_INTEGER,
IOERR_BAD_EDIT_FOR_LOGICAL, IOERR_BAD_EDIT_FOR_REAL,
IOERR_BAD_ENCODING, IOERR_BAD_EXPONENT, IOERR_BAD_FORM,
IOERR_BAD_HEX, IOERR_BAD_INPUT_EXPONENT, IOERR_BAD_INPUT_INTEGER,
IOERR_BAD_INPUT_LOGICAL, IOERR_BAD_INPUT_REAL, IOERR_BAD_INTEGER,
IOERR_BAD_INTEGER_LITERAL, IOERR_BAD_LOGICAL, IOERR_BAD_OCTAL,
IOERR_BAD_PAD, IOERR_BAD_POS, IOERR_BAD_POSITION, IOERR_BAD_REAL,
IOERR_BAD_REC, IOERR_BAD_ROUND, IOERR_BAD_SCALE, IOERR_BAD_SIGN,
IOERR_BAD_STATUS, IOERR_BAD_UNIT, IOERR_BUFFER_OVERFLOW,
IOERR_CANNOT_BACKSPACE, IOERR_CANNOT_KEEP, IOERR_CANNOT_OPEN,
IOERR_CANNOT_REWIND, IOERR_CHAR_EDIT_IN_READ,
IOERR_CHAR_OVERLAPS_END, IOERR_COMPONENT_NAME_TOO_LONG,
IOERR_CORRUPT_UNFORMATTED_FILE, IOERR_DELIM_on_unformatted_OPEN,
IOERR_DIFFERENT_ACCESS, IOERR_DIFFERENT_ACTION,
IOERR_DIFFERENT_ASYNCHRONOUS, IOERR_DIFFERENT_FORM,
IOERR_DIFFERENT_POSITION, IOERR_DIFFERENT_RECL,
IOERR_DIFFERENT_STATUS, IOERR_DIRECT_POSITION_INCOMPAT,
IOERR_ENDFILE_TWICE, IOERR_END_OF_DIRECT_ACCESS, IOERR_EOF, IOERR_EOR,
IOERR_EXPECTED_COLON, IOERR_EXPECTED_COMMA,
IOERR_EXPECTED_EQUALS, IOERR_EXPECTED_INTEGER_VALUE,
IOERR_EXPECTED_P, IOERR_EXPECTED_PERIOD, IOERR_EXPECTED_RPAREN,
IOERR_FORMAT_MBNZ, IOERR_FORMAT_NO_ENDING_RPAREN,
IOERR_FORMAT_NO_LPAREN, IOERR_GROUP_NAME_TOO_LONG,
IOERR_INPUT_BUFFER_OVERFLOW, IOERR_INPUT_LIST_TOO_BIG,
IOERR_INTEGER1_TOO_BIG, IOERR_INTEGER2_TOO_BIG,
IOERR_INTEGER64_TOO_BIG, IOERR_INTEGER_OVERFLOW_REPEAT,
IOERR_INTEGER_TOO_BIG, IOERR_INTERNAL_FILE_OVERFLOW,

IOERR_INVALID_VALUE_FOR_ID_SPECIFIER, IOERR_MISSING_HOLLERITH_LENGTH,
 IOERR_NAMELIST_BAD_CHAR, IOERR_NAME_TOO_LONG, IOERR_NEW_FILE_EXISTS,
 IOERR_NOT_CONNECTED, IOERR_NOT_CONNECTED_NO_FILENAME,
 IOERR_NOT_DIRECT, IOERR_NOT_FORMATTED, IOERR_NOT_READ,
 IOERR_NOT_SEQUENTIAL, IOERR_NOT_UNFORMATTED, IOERR_NOT_WRITE,
 IOERR_NO_AMPERSAND, IOERR_NO_DATA_EDIT_IN_REVERSION,
 IOERR_NO_EDIT_FOR_REPEAT, IOERR_NO_FILE_WITH_REPLACE,
 IOERR_NO_INPUT_LOGICAL, IOERR_NO_NAMELIST_GROUP_NAME,
 IOERR_NO_OLD_FILE, IOERR_NO_RECL, IOERR_NO_SPACING_FOR_X,
 IOERR_OBJECT_NAME_TOO_LONG, IOERR_OK, IOERR_ONLY_SIGN_FOUND,
 IOERR_PAD_on_unformatted_OPEN, IOERR_PENDING_BUT_NOT_ASYNC,
 IOERR_POS_BUT_NOT_STREAM, IOERR_READ_AFTER_WRITE,
 IOERR_REAL_INPUT_OVERFLOW, IOERR_RECL_LE_ZERO,
 IOERR_RECL_WITH_STREAM_ACCESS, IOERR_RECORD_TOO_SHORT,
 IOERR_REPEAT_FOR_BLANK_INTERP, IOERR_REPEAT_FOR_CHAR_EDIT,
 IOERR_REPEAT_FOR_POSITION, IOERR_REPEAT_FOR_SIGN,
 IOERR_RW_AFTER_ENDFILE, IOERR_SCALE_FOLLOVED_BY_REPEAT,
 IOERR_SCRATCH_NAMED, IOERR_SIZE_WITHOUT_NONADVANCING,
 IOERR_SUBFMT_TOO_DEEP, IOERR_SUBSCRIPT_OUT_OF_RANGE,
 IOERR_SUBSTRING_OUT_OF_BOUNDS, IOERR_TRUNCATE_FAILED,
 IOERR_UNEXPECTED_COMPONENT, IOERR_UNEXPECTED_FORMAT_END,
 IOERR_UNEXPECTED_SUBSCRIPT, IOERR_UNKNOWN_COMPONENT,
 IOERR_UNKNOWN_OBJECT_NAME, IOERR_WAIT_WITH_ID_BUT_FILE_IS_NOT_ASYNC,
 IOERR_WAIT_WITH_ID_BUT_NO_CONNECTION, IOERR_WRONG_NAMELIST,
 IOERR_ZERO_LENGTH_INPUT, IOERR_ZERO_REPEAT, IOERR_ZERO_SIZE_INPUT,
 IOERR_ZERO_STRIDE.

4 Parameter Description

Integer,Parameter :: IOERR_EOR = -2

End of record

Integer,Parameter :: IOERR_EOF = -1

End of file

Integer,Parameter :: IOERR_OK = 0

Successful operation

Integer,Parameter :: IOERR_BUFFER_OVERFLOW = 100

Buffer overflow on output

Integer,Parameter :: IOERR_INTERNAL_FILE_OVERFLOW = 101

Internal file overflow

Integer,Parameter :: IOERR_BAD_SCALE	= 102
Scale factor out of range	
Integer,Parameter :: IOERR_BAD_EXPONENT	= 103
Exponent too large for w.d format	
Integer,Parameter :: IOERR_INPUT_BUFFER_OVERFLOW	= 104
Record too long for input buffer	
Integer,Parameter :: IOERR_ZERO_REPEAT	= 105
Zero repeat factor in list-directed input	
Integer,Parameter :: IOERR_BAD_INTEGER	= 106
Invalid input for integer editing	
Integer,Parameter :: IOERR_INTEGER1_TOO_BIG	= 107
Input value too large for INTEGER(KIND=1)	
Integer,Parameter :: IOERR_INTEGER2_TOO_BIG	= 108
Input value too large for INTEGER(KIND=2)	
Integer,Parameter :: IOERR_INTEGER_OVERFLOW_REPEAT	= 109
Repeat factor in list-directed input larger than HUGE(0)	
Integer,Parameter :: IOERR_INTEGER_TOO_BIG	= 110
Input value too large for default INTEGER type	
Integer,Parameter :: IOERR_BAD_REAL	= 111
Invalid input for real editing	
Integer,Parameter :: IOERR_BAD_LOGICAL	= 112
Invalid input for logical editing	
Integer,Parameter :: IOERR_BAD_COMPLEX	= 113

Invalid input for complex editing

Integer,Parameter :: IOERR_BAD_CHAR = 114

Invalid input for character editing

Integer,Parameter :: IOERR_FORMAT_NO_LPAREN = 115

Format specification does not begin with a left parenthesis

Integer,Parameter :: IOERR_FORMAT_NO_ENDING_RPAREN = 116

Format specification does not end with a right parenthesis

Integer,Parameter :: IOERR_NO_DATA_EDIT_IN_REVERSION = 117

No data edit descriptor in tail of format specification after reversion

Integer,Parameter :: IOERR_SUBFMT_TOO_DEEP = 118

Sub-format groups nested too deeply

Integer,Parameter :: IOERR_UNEXPECTED_FORMAT_END = 119

Unexpected end of format specification

Integer,Parameter :: IOERR_EXPECTED_INTEGER_VALUE = 120

Expected integer literal constant in format specification

Integer,Parameter :: IOERR_FORMAT_MBNZ = 121

Field/exponent width or repeat in format specification must be non-zero

Integer,Parameter :: IOERR_EXPECTED_PERIOD = 122

Expected decimal point in format specification

Integer,Parameter :: IOERR_EXPECTED_P = 123

Expected P following signed integer constant in format specification

Integer,Parameter :: IOERR_BAD_BNBZ = 124

Expected N or Z following B in format specification

Integer,Parameter :: IOERR_BAD_EDIT	= 125
Invalid edit descriptor	
Integer,Parameter :: IOERR_NO_EDIT_FOR_REPEAT	= 126
No edit descriptor following repeat factor	
Integer,Parameter :: IOERR_REPEAT_FOR_SIGN	= 127
Repeat factor given for sign edit descriptor	
Integer,Parameter :: IOERR_REPEAT_FOR_BLANK_INTERP	= 128
Repeat factor given for blank-interpretation edit descriptor	
Integer,Parameter :: IOERR_MISSING_HOLLERITH_LENGTH	= 129
Missing length of H edit descriptor	
Integer,Parameter :: IOERR_REPEAT_FOR_CHAR_EDIT	= 130
Repeat factor given for character string edit descriptor	
Integer,Parameter :: IOERR_NO_SPACING_FOR_X	= 131
No spacing specified for X edit descriptor	
Integer,Parameter :: IOERR_REPEAT_FOR_POSITION	= 132
Repeat factor given for position edit descriptor	
Integer,Parameter :: IOERR_CHAR_EDIT_IN_READ	= 133
Character string edit descriptor used on input	
Integer,Parameter :: IOERR_BAD_EDIT_FOR_REAL	= 134
Invalid edit descriptor for real i/o-list item	
Integer,Parameter :: IOERR_BAD_EDIT_FOR_INTEGER	= 135
Invalid edit descriptor for integer i/o-list item	
Integer,Parameter :: IOERR_BAD_EDIT_FOR_LOGICAL	= 136

Invalid edit descriptor for logical i/o-list item

Integer,Parameter :: IOERR_CHAR_OVERLAPS_END = 137

Character string edit descriptor does not terminate before format end

Integer,Parameter :: IOERR_ONLY_SIGN_FOUND = 138

Sign in a numeric input field not followed by any digits

Integer,Parameter :: IOERR_BAD_INPUT_EXPONENT = 139

Invalid exponent in real input field

Integer,Parameter :: IOERR_BAD_INPUT_REAL = 140

Invalid character in real input field

Integer,Parameter :: IOERR_BAD_INPUT_INTEGER = 141

Invalid character in integer input field

Integer,Parameter :: IOERR_BAD_BINARY = 142

Invalid character in binary integer input field

Integer,Parameter :: IOERR_BAD_OCTAL = 143

Invalid character in octal integer input field

Integer,Parameter :: IOERR_BAD_HEX = 144

Invalid character in hexadecimal integer input field

Integer,Parameter :: IOERR_BAD_EDIT_FOR_CHARACTER = 145

Invalid edit descriptor for character i/o-list item

Integer,Parameter :: IOERR_READ_AFTER_WRITE = 146

READ after WRITE with no intervening file positioning

Integer,Parameter :: IOERR_BAD_UNIT = 147

Unit number out of range

Integer,Parameter :: IOERR_NOT_CONNECTED	= 148
Unit is not connected	
Integer,Parameter :: IOERR_CANNOT_BACKSPACE	= 149
File connected to unit is not capable of BACKSPACE	
Integer,Parameter :: IOERR_NOT_SEQUENTIAL	= 150
Unit is not connected for SEQUENTIAL i/o	
Integer,Parameter :: IOERR_NOT_READ	= 151
Unit is not connected for READ action	
Integer,Parameter :: IOERR_NOT_FORMATTED	= 152
Unit is not connected for FORMATTED i/o	
Integer,Parameter :: IOERR_NOT_WRITE	= 153
Unit is not connected for WRITE action	
Integer,Parameter :: IOERR_NOT_UNFORMATTED	= 154
Unit is not connected for UNFORMATTED i/o	
Integer,Parameter :: IOERR_NOT_CONNECTED_NO_FILENAME	= 155
Unit is not connected and no FILE= specifier on OPEN	
Integer,Parameter :: IOERR_SCRATCH_NAMED	= 156
FILE= specifier on OPEN with STATUS='SCRATCH'	
Integer,Parameter :: IOERR_DIFFERENT_STATUS	= 157
OPEN on connected unit has different STATUS= specifier	
Integer,Parameter :: IOERR_DIFFERENT_ACCESS	= 158
OPEN on connected unit has different ACCESS= specifier	
Integer,Parameter :: IOERR_DIFFERENT_FORM	= 159

OPEN on connected unit has different FORM= specifier

Integer,Parameter :: IOERR_DIFFERENT_RECL = 160

OPEN on connected unit has different RECL= specifier

Integer,Parameter :: IOERR_DIFFERENT_ACTION = 161

OPEN on connected unit has different ACTION= specifier

Integer,Parameter :: IOERR_DIFFERENT_POSITION = 162

OPEN on connected unit has different POSITION= specifier

Integer,Parameter :: IOERR_BAD_STATUS = 163

Invalid value for STATUS= specifier

Integer,Parameter :: IOERR_BAD_ACCESS = 164

Invalid value for ACCESS= specifier

Integer,Parameter :: IOERR_BAD_FORM = 165

Invalid value for FORM= specifier

Integer,Parameter :: IOERR_BAD_BLANKS = 166

Invalid value for BLANKS= specifier

Integer,Parameter :: IOERR_BAD_POSITION = 167

Invalid value for POSITION= specifier

Integer,Parameter :: IOERR_BAD_ACTION = 168

Invalid value for ACTION= specifier

Integer,Parameter :: IOERR_BAD_DELIM = 169

Invalid value for DELIM= specifier

Integer,Parameter :: IOERR_BAD_PAD = 170

Invalid value for PAD= specifier

Integer,Parameter :: IOERR_NO_RECL = 171

The RECL= specifier must be given for DIRECT access OPEN

Integer,Parameter :: IOERR_CANNOT_KEEP = 172

STATUS='KEEP' is invalid for a SCRATCH file

Integer,Parameter :: IOERR_ENDFILE_TWICE = 173

ENDFILE applied twice to unit with no intervening file positioning

Integer,Parameter :: IOERR_NAME_TOO_LONG = 174

File name too long

Integer,Parameter :: IOERR_NO_OLD_FILE = 175

Cannot find OLD file

Integer,Parameter :: IOERR_NEW_FILE_EXISTS = 176

New file already exists

Integer,Parameter :: IOERR_CANNOT_REWIND = 177

File connected to unit is not capable of REWIND

Integer,Parameter :: IOERR_BACKSPACE_FAILED = 178

BACKSPACE failed to find the beginning of the previous record

Integer,Parameter :: IOERR_NOT_DIRECT = 179

Unit is not connected for DIRECT i/o

Integer,Parameter :: IOERR_BAD_REC = 180

Record number out of range

Integer,Parameter :: IOERR_BAD_INPUT_LOGICAL = 181

Illegal character in LOGICAL input field

Integer,Parameter :: IOERR_NO_INPUT_LOGICAL = 182

No value found in LOGICAL input field

Integer,Parameter :: IOERR_CANNOT_OPEN = 183

Unknown OPEN failure on unit

Integer,Parameter :: IOERR_NO_AMPERSAND = 184

Expected '&' but found *C* in NAMELIST input

(*C* is replaced by the erroneous character).

Integer,Parameter :: IOERR_GROUP_NAME_TOO_LONG = 185

NAMELIST group name in input is too long

Integer,Parameter :: IOERR_WRONG_NAMELIST = 186

Expected NAMELIST group */N1/* but found */N2/*

(*N1* and *N2* are replaced by the relevant NAMELIST group names).

Integer,Parameter :: IOERR_NAMELIST_BAD_CHAR = 187

Invalid character *C* in NAMELIST input

(*C* is replaced by the erroneous character).

Integer,Parameter :: IOERR_OBJECT_NAME_TOO_LONG = 188

NAMELIST group name in input of NAMELIST/*N/* is too long

(*N* is replaced by the erroneous namelist group name).

Integer,Parameter :: IOERR_EXPECTED_EQUALS = 189

Expected '=' but found *C* in NAMELIST input

(*C* is replaced by the erroneous character).

Integer,Parameter :: IOERR_UNKNOWN_OBJECT_NAME = 190

Unknown group object *V* in input for NAMELIST/*N/*

(*V* is replaced by the erroneous group object name, *N* is replaced by the namelist group name).

Integer,Parameter :: IOERR_UNEXPECTED_SUBSCRIPT = 191

Unexpected subscript for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_UNEXPECTED_COMPONENT = 192

Unexpected component specifier for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_COMPONENT_NAME_TOO_LONG = 193

Component name too long in input for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_UNKNOWN_COMPONENT = 194

Unknown component C in input for object V of NAMELIST/ N /

(C is replaced by the erroneous component name, V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_ARRAY_OF_ARRAY = 195

Array component of array parent in input for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_BAD_INTEGER_LITERAL = 196

Invalid integer literal in input for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_EXPECTED_COLON = 197

Expected ':' but found ' C ' in input for object V of NAMELIST/ N /

(C is replaced by the erroneous character, V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_ZERO_LENGTH_INPUT = 198

Substring has zero length in input for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_SUBSTRING_OUT_OF_BOUNDS = 199

Substring ($I:I$) out of bounds in input for object V of NAMELIST/ N /

(I and J are replaced by the substring bounds, V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_EXPECTED_COMMA = 200

Expected ',' but found 'C' in input for object V of NAMELIST/ N /

(C is replaced by the erroneous character, V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_EXPECTED_RPAREN = 201

Expected ')' but found 'C' in input for object V of NAMELIST/ N /

(C is replaced by the erroneous character, V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_SUBSCRIPT_OUT_OF_RANGE = 202

Subscript (I) out of range in input for object V of NAMELIST/ N /

(I is replaced by the erroneous subscript value, V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_ZERO_SIZE_INPUT = 203

Array section has zero size in input for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_ZERO_STRIDE = 204

Section stride has value zero in input for object V of NAMELIST/ N /

(V is replaced by the object name, N is replaced by the namelist group name).

Integer,Parameter :: IOERR_NO_NAMELIST_GROUP_NAME = 205

Missing namelist group name in input of NAMELIST/ N /

(N is replaced by the namelist group name).

Integer,Parameter :: IOERR_INPUT_LIST_TOO_BIG = 206

Input list bigger than record length in unformatted READ on unit N

(N is replaced by the unit number).

Integer,Parameter :: IOERR_RECORD_TOO_SHORT = 207

Record too short for format requirement and PAD='NO' on unit *N*
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_CORRUPT_UNFORMATTED_FILE = 208

Unformatted data file open on unit *N* is corrupt
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_TRUNCATE_FAILED = 209

File truncation on unit *N* failed
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_RW_AFTER_ENDFILE = 210

READ/WRITE attempted after ENDFILE on unit *N*
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_INTEGER64_TOO_BIG = 211

Input value too large for 64-bit integer

Integer,Parameter :: IOERR_NO_FILE_WITH_REPLACE = 212

No FILE= specifier with STATUS='REPLACE'

Integer,Parameter :: IOERR_RECL_LE_ZERO = 213

Invalid value for RECL= specifier (must be positive)

Integer,Parameter :: IOERR_END_OF_DIRECT_ACCESS = 214

READ beyond end of direct access file on unit *N*
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_REAL_INPUT_OVERFLOW = 215

Floating overflow on real number input

Integer,Parameter :: IOERR_DIRECT_POSITION_INCOMPAT = 216

Direct access is incompatible with the POSITION= specifier.

Integer,Parameter :: IOERR_SCALE_FOLLOVED_BY_REPEAT = 217

Scale factors cannot be followed by repeat count in format specification.

Integer,Parameter :: IOERR_RECL_WITH_STREAM_ACCESS = 218

RECL= specifier with ACCESS='STREAM'.

Integer,Parameter :: IOERR_BACKSPACE_OF_UNF_STREAM = 219

Cannot BACKSPACE unformatted ACCESS='STREAM' unit *N*
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_BAD_ADVANCE = 220

ADVANCE= specifier must be 'YES' or 'NO'.

Integer,Parameter :: IOERR_SIZE_WITHOUT_NONADVANCING = 221

SIZE= is not valid without ADVANCE='NO'.

Integer,Parameter :: IOERR_BAD_DECIMAL = 222

DECIMAL= specifier must be 'POINT' or 'COMMA'.

Integer,Parameter :: IOERR_BAD_ROUND = 223

Invalid value for ROUND= specifier.

Integer,Parameter :: IOERR_BAD_SIGN = 224

SIGN= specifier must be 'PROCESSOR_DEFINED', 'PLUS' or 'SUPPRESS'.

Integer,Parameter :: IOERR_BAD_ASYNCHRONOUS = 225

ASYNCHRONOUS= specifier must be 'NO' or 'YES'.

Integer,Parameter :: IOERR_BAD_ENCODING = 226

Invalid value for ENCODING= specifier.

Integer,Parameter :: IOERR_PENDING_BUT_NOT_ASYNC = 227

PENDING= specifier but unit *N* is not open for ASYNCHRONOUS i/o
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_POS_BUT_NOT_STREAM = 228

POS= specifier but unit *N* is not open for STREAM i/o
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_BAD_POS = 229

Invalid value for POS= specifier.

Integer,Parameter :: IOERR_DIFFERENT_ASYNCHRONOUS = 230

OPEN on connected unit *N* has different ASYNCHRONOUS= specifier
(*N* is replaced by the unit number).

Integer,Parameter :: IOERR_DELIM_on_unformatted_OPEN = 231

DELIM= specifier in OPEN for an UNFORMATTED file.

Integer,Parameter :: IOERR_PAD_on_unformatted_OPEN = 232

PAD= specifier in OPEN for an UNFORMATTED file.

Integer,Parameter :: IOERR_WAIT_WITH_ID_BUT_FILE_IS_NOT_ASYNC = 233

WAIT with ID= but unit is open with ASYNCHRONOUS='NO'

Integer,Parameter :: IOERR_WAIT_WITH_ID_BUT_NO_CONNECTION = 234

WAIT with ID= but unit is not connected to a file.

Integer,Parameter :: IOERR_INVALID_VALUE_FOR_ID_SPECIFIER = 235

Invalid value *N* for ID= specifier
(*N* is replaced by the bad value).

Integer,Parameter :: IOERR_BAD_CONVERT_SPECIFIER = 236

Invalid value for CONVERT= specifier.

Integer,Parameter :: IOERR_CONVERT_on_formatted_OPEN = 237

CONVERT= specifier in OPEN for a FORMATTED file.

Integer,Parameter :: IOERR_CONVERT_SPECIFIER_MODE_NOT_SUPPORTED = 238

Specified CONVERT= mode is not supported.

```
Integer,Parameter :: IOERR_ENCODING_ERROR = 239
```

Contents of formatted file are not valid for the current ENCODING.

```
Integer,Parameter :: IOERR_NO_NEWUNIT_AVAILABLE = 240
```

No unit available for NEWUNIT= specifier.

```
Integer,Parameter :: IOERR_NEWUNIT_BUT_NO_FILE_AND_NOT_STATUS_SCRATCH = 241
```

NEWUNIT= specifier but no FILE= and STATUS= value is not 'SCRATCH'.

```
Integer,Parameter :: IOERR_INQUIRE_INTERNAL_UNIT = 242
```

INQUIRE on a unit number that identifies an internal file.

5 Notes

The source code for this module may be found in the NAG Fortran runtime library directory (usually /usr/local/lib/NAG_Fortran).

6 See Also

`nagfor(1)`, `nag_modules(3)`.

7 Bugs

Please report any bugs found to 'support@nag.co.uk' or 'support@nag.com', along with any suggestions for improvements.