Error Codes

Use the following table to find the error message that corresponds to the error code output from an error terminal.

Error Code	Description
Objects	
300	The input terminal number \<n\> is not connected
301	Input \<n\> is not present (valid range = [\<n\>..\<n\>])
302	No additional inputs are allowed -- limited to \<n\>
303	The input must be \<type\>
304	The input cannot be \<type\>
305	Input(s) mismatch: \<name\>, \<name\>
306	Required input \<name\> is not present
308	Required output \<name\> is not present
309	Output(s) mismatch: \<name\>, \<name\>
310	Output \<n\> is not present (valid range = [\<n\>..\<n\>])
311	No additional outputs are allowed -- limited to \<n\>
312	No \<type\> was selected
313	\<operation\> is not supported
314	Invalid combination of parameters: \<n\>
315	Component \<name\> cannot be added
317	There is no panel to switch to
318	UserFunction \<name\> has no panel view
320	Child process failed to run
321	Child process died
322	Could not open the pipe
323	List has no elements
330	The Max value must be greater than the Min value
331	VEE cannot load or execute this program
340	Cannot compile an object with more than one xeq pin
341	The xeq pin must be the bottom-most data in pin
342	Cannot compile a context object with an xeq pin
343	UserObject cannot reside in its Edit Window
344	CallBox cannot reside in calling function (recursion is not allowed)
345	Duplicate device name. Change \<name\> to be unique.
346	Must specify a Name for the device.

347	Cannot compile a program with error pins on iterators or junctions
Containers	
400	Value is empty or nil (could be zero-element array)
401	Value out of bounds (valid range = [<n>..<n>])
402	<name> value must be <type>
403	<name> value is out of range
404	Numeric value must be positive
405	<name> was not found
410	Value must be a scalar
411	Value must be an array
412	Value must be a scalar or linear array
413	Value must be a <n> dimensional array
414	Value must be a waveform or linear array
415	Values must have same number of dimensions
416	Values must have same size and shape
417	Record structures must match
418	Records cannot be merged
420	Value must be a square matrix
421	Shapes of matrix values are inappropriate for matrix multiply
422	Value must be a matrix with an ODD number of columns
430	Scalar cannot be accessed by a non-zero index
431	Value for an array index is out of range
432	Values for array/sub-array indices are inappropriate
433	Too many array dimensions given (maximum = <n>)
434	Value must have <n> field(s)
435	Both values must have the same number of fields
440	Invalid operation for data type <type>
441	Invalid operation for scalar value
442	Invalid operation for a <n> dimensional array
443	Operation valid only for numeric values
444	Invalid assignment of Declared Variable
445	Attempted access to Declared Variable <name> which has not yet been initialized
450	Operation requires that array be mapped
451	Array mappings for values must match
452	Sample frequency for array mappings must match
453	<type> cannot have vertical steps

454	Construction of an array is not allowed
460	Cannot increment/decrement arrays and functions
461	Value is > 16 digits -- cannot increment/decrement
462	Attempt to overwrite constant or parameter <name> failed
463	Input coordinates are not monotonic over "X"
464	Unable to convert <type> to <type>
465	<action> is not allowed <message>
MATH	
500	Illegal values for argument(s) in function <name>
501	Function <name> does not allow negative values
502	Function <name> requires <n> argument
510	Math error in function <name>
511	Division/Modulo by zero
512	Negative value cannot be raised to a non-integer power (<n>)
513	Zero cannot be raised to a non-positive power (<n>)
514	Numeric data overflow in function <name>
515	Numeric data underflow in function <name>
516	Overflow of sum occurred during calculation of <name>
517	Function or UserFunction: '<name>' is unknown
520	Bounds for LOG mapping must be > 0
521	X-data for LOG mapped function must be > 0
522	Derivatives of order <n> are not supported
523	Interpolation on multi-dimensional arrays is not supported
ActiveX	
550	ActiveX object <name> failed
551	An ActiveX object returned incompatible data type <name>
552	<name> in the referenced ActiveX object failed
553	An ActiveX object returned an error during <action> <name>
554	<name> is not a member of the referenced ActiveX object
555	Attempt to Set property <name> without specifying a value
556	ActiveX object does not implement the interface <name>
557	ActiveX object could not be created
558	The target operating system platform for <name> is

	not WIN32
559	Could not load type library from <name>
560	The Property <name> was not found
561	There isn't any type information loaded for <name>
562	Invalid CLSID: <number>
563	Invalid ProgID: <name>
564	Could not establish event connection to <name>
565	Cannot access ActiveX Object <name>
566	An ActiveX object returned an incompatible value
567	Could not get instance of ActiveX object <name>
568	Programmatic access to VEE object property failed
569	ActiveX Automation array error
570	Cannot access data in ActiveX Automation array
571	Cannot create remote objects. DCOM is not installed. Download and install DCOM95 from the Microsoft web site
MATLAB SCRIPT	
590	MATLAB not installed. Reinstall VEE and select the MATLAB Script install option.
591	Could not start the MATLAB Script engine
592	Generic MATLAB error <message>
593	Error in MATLAB Script
595	MATLAB Script is only available in Agilent VEE Pro and Agilent VEE Pro Runtime.
EXPRESSIONS	
600	Syntax error: <description>
601	Invalid expression: <description>
602	Function was not found: <name>
603	Variable was not found: <name>
604	Function was not loadable: <name>
610	Too many arguments supplied (maximum=<n>)
611	Wrong number of parameters supplied to function <name>
620	Name or string constant is too long (> n chars)
621	Duplicate symbol name <name>
622	Invalid variable/terminal name <name>
623	Closing quote for the string was not found
624	Illegal character(s) found while parsing string
625	Illegal escape sequence <sequence>
626	Duplicate record field name <name>
627	Duplicate library name <name>
628	Invalid record field name <name>

629	Invalid UserFunction name <name>
630	Invalid value
631	Value of the expression must be either all zero or all non-zero
640	Mismatch error: Expected <name>, got <name>
641	Unknown parameter: <name>
642	Undefined parameter: <name>
643	This program has no execution window
650	Library: <name> contains running functions. Cannot delete
660	Invalid name: <name>
FILES	
700	File <name> was not found
701	End of file or no data found
702	Cannot open file <name>: Permission denied
703	Cannot read file <name>
704	Cannot write to file <name>
705	Read error on file <name>
706	End of file or no match found
707	Needed to read <n>, found only <m>
708	Bytes read must be multiple of data size
710	File <name> is not a named pipe
711	Cannot create file <name>
712	File <name> already exists
713	Invalid directory name <name> in path
714	File is a directory
715	Directory is not empty
716	Cannot execute file <name>
717	Invalid working directory <name>
718	Could not create process. (Windows error number: <n>)
720	File is in use
721	Device is Busy
722	Cannot access a different file system
723	Too many files are open
724	File is too large
725	Disk is full
726	Error during 'seek' of file
727	Bad system file number
728	Too many symbolic links
729	File format is invalid
730	No Public UserFunctions found in file

733	Cannot merge secured program
734	Could not create a shared memory segment
736	Cannot read binary file <name>
737	Cannot write to binary file <name>
738	Could not recover from parsing error
739	Stack pointer corrupted after return from compiled function
.NET	
750	.NET object failed
751	.NET invocation failure
752	Exception
753	No default member
754	Cannot access .NET
755	No property put value
756	Object could not be created
757	Could not get member information
758	Could not get VEE to .NET
759	Could not get Namespace
760	Type not found
761	Event connect failed
763	Could not establish event connection
764	Failed to build .NET operation
765	The control may have to added to another control programmatically
766	Duplicate namepsace or alias name
I/O	
800	No such device or incorrect address
801	Configuration error: <description>
802	Incorrect special device file <name> found
803	Device, <name>, is not message based
804	Invalid access to memory on device, <name>
810	Instrument driver error <n>: <description> Refer to your instrument manual for further information
811	I/O error or timeout occurred
812	Invalid bin block header
813	Must be the active system controller to access GPIB
814	Lock acquisition failed on <device> <interface>
815	Error returned from VXIplug&play function call, error value <n>
816	Error returned from VXIplug&play init() function

	call, error value <n>
817	Error returned from NIDAQ driver function call
818	Error returned from NIDAQ NIxxxx_init() function call
821	Transaction not supported for <name> interface
830	Could not initiate DDE link to application <name>, topic <name>
831	DDE POKE to item <name> failed
832	DDE REQUEST from item <name> failed
833	DDE EXECUTE failed
850	Host, <name>, is unknown
851	There is no Service Manager on host, <name>
852	Networking is not initialized on this host
853	Connection has timed out
854	An interrupt occurred before receive on network
855	The connection has been shut down by the peer
856	The operating system is out off buffer space
857	The network is down
858	An interrupt occurred before the connection to the host <name>
859	The port, <name>, is already in use
860	Attempted connection to <name> has timed out
861	Service Manager on <name> has not responded
862	Service, <name>, on host, <name>, has not responded
863	Service, <name>, not found on host, <name>
864	Service, <name>, on host, <name>, cannot be started
865	Error in service, <name>, on host, <name>
866	The connection was refused on host, <name>
867	The UserFunction, <name>, in service, <name>, was not found
868	Permission denied for user, <name>, on host, <name>
869	Remote Service, <name>, on host, <name>, reports error: <n>
870	Non-blocking receive
871	Remote debug terminated before completion
872	Cannot assign requested address. The requested address is invalid in its context.
873	A socket operation was attempted to an unreachable host.
876	Failure code returned in COM HRESULT

877	Expected parameter <name> to be passed ByRef
878	Invalid value returned from <name>
879	The VEE data container is empty
880	The size of array: <name> must be a multiple of: field count <n>
SYSTEM	
900	Operation is not allowed while the program is running
901	Illegal form of feedback
902	Unexpected BREAK encountered
903	Unexpected CONTINUE encountered
904	Invalid device encountered
905	Incorrect revision "<rev>" (Expected "<rev>")
906	A Thread with feedback requires a START object
910	Process is out of memory, save your program IMMEDIATELY
911	Floating-point exception, possible overflow/underflow
912	There are too many system processes
913	Reset or Break encountered
914	Cannot open display
915	The operating system is out of resources
920	Write on a pipe with no process to read it (signal = <n>)
921	User-defined signal 1 received (signal = <n>)
922	User-defined signal 2 received (signal = <n>)
930	Error(s) encountered during PreRun
931	Cannot continue execution. The required module is not installed.
935	A Junction is required inside of feedback cycles
936	UserFunction is not re-entrant
937	Sample & Hold was not given any data
938	VEE was unable to compile this part of the program
939	Cannot push START when thread is connected to input terminals
940	Illegal form of feedback
941	T1 must be activated before T2
942	Cannot find the variable. Please use Edit->Find to try again.
943	Cannot find the terminal. The terminal may have been deleted or in a not-yet imported library.
944	Built-in function showPanel()/hidePanel() does not support Remote UserFunctions & Compiled Functions

950 through 999	
EXCEL LIBRARY	
2001	- An attempt to navigate past the 256th column or before the 1st column; - An attempt to navigate above the first row or below the last row; - Invalid cell or range address found will attempting to convert to numeric Row and column: <column>; - An attempt to send data past the 256th column.
2002	- An attempt to send data with more than three dimensions; - An error with data type \nENUM - can only be sent as part of a record\nSPECTRUM - see examples\nCCOMPLEX, see examples\nPCCOMPLEX, see examples\nCOORD, see examples\nOBJECT - not supported by Excel Library; - An attempt to send a three dimensional or higher record
2003	This Sheet is protected and cannot be changed
2004	- This Sheet cannot be found in the current Workbook; - This Workbook cannot be found in the currently open set of Workbooks
2005	An attempt to send data with no Workbook open
2006	SendRecord input is not a record
2007	- Unrecognized value for SendDataSettings.ThreeDArrays; - Unrecognized input terminal value for Print
2008	Size of array > 254. Cannot create more than 254 new Sheets
2022	Unrecognized Chart type
2023	Error with line chart settings Names array. Probable cause is that the array is not as large as the data array. Also verify, if you select Logarithmic, that there are no negative values in the data.
2025	Error on ActiveChart.ApplyCustomType(xlBuiltIn, "Logarithmic"). Non-English versions of Office do not support this. See online Help for workarounds.

See Also

[About .NET Errors in VEE](#)