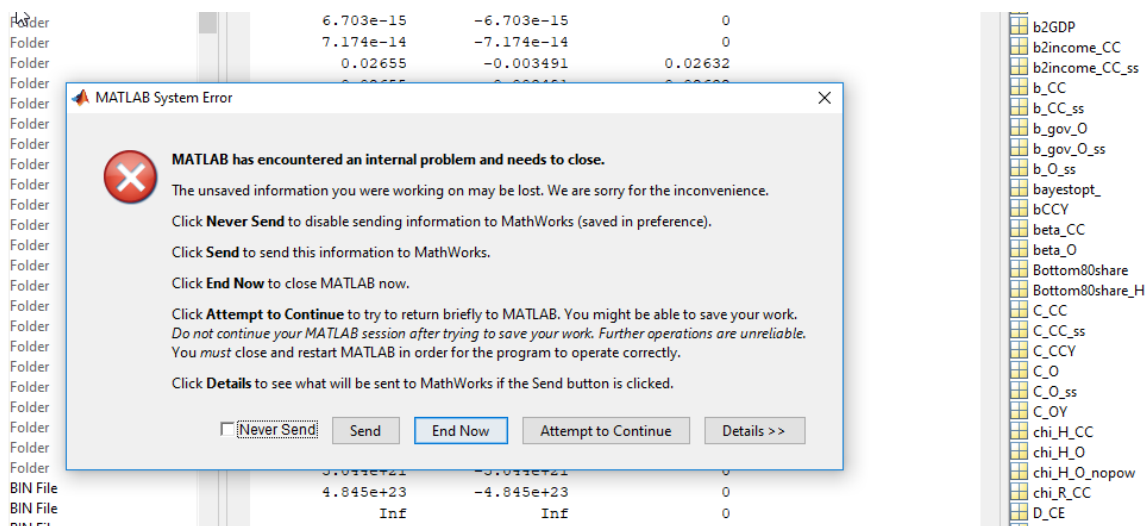


Sometimes matlab produces this error message before shutting down:



When I press on "Details", there is this error message:

MATLAB crash file:C:\Users\rannenb\AppData\Local\Temp\1\matlab_crash_dump.15684-1:

 Access violation detected at Fri May 24 08:37:50 2019

Configuration:

Crash Decoding : Disabled - No sandbox or build area path
 Crash Mode : continue (default)
 Current Graphics Driver: Unknown hardware
 Default Encoding : windows-1252
 Deployed : false
 Graphics card 1 : DisplayLink (0x0) DisplayLink USB Device Version 8.4.3005.0
 Graphics card 2 : NVIDIA (0x10de) NVIDIA Quadro P500 Version 23.21.13.9125
 Graphics card 3 : Intel Corporation (0x8086) Intel(R) UHD Graphics 620 Version 23.20.16.4905
 Graphics card 4 : DisplayLink (0x0) DisplayLink USB Device Version 8.4.3005.0
 Host Name : PC0024964
 MATLAB Architecture : win64
 MATLAB Entitlement ID: 895686
 MATLAB Root : C:\Program Files\MATLAB\R2016b
 MATLAB Version : 9.1.0.441655 (R2016b)
 OpenGL : hardware
 Operating System : Microsoft Windows 10 Enterprise
 Processor ID : x86 Family 6 Model 142 Stepping 10, GenuineIntel
 Virtual Machine : Java 1.7.0_60-b19 with Oracle Corporation Java HotSpot(TM) 64-Bit Server
 VM mixed mode
 Window System : Version 10.0 (Build 16299)

Fault Count: 1

Abnormal termination:

Access violation

Register State (from fault):

RAX = bfb0ef5c4c1920aa RBX = 000000005db65c00

RCX = 3fa82f9831146084 RDX = 0000000000000080
 RSP = 00000000043f6b20 RBP = 00000000d52eab40
 RSI = 00000000d6ffea80 RDI = 00000000d6ff0728

R8 = 00000000000019c4 R9 = 00000000d52eacb8
 R10 = 00000000d70bf6c0 R11 = 000000000000008d
 R12 = 000000000000001f R13 = 0000000000000028
 R14 = 0000000000000000 R15 = 000000000000004f

RIP = 00000000f6e065d1 EFL = 00010246

CS = 0033 FS = 0053 GS = 002b

Stack Trace (from fault):

```
[ 0] 0x00000000f6e065d1 C:\Program
Files\MATLAB\R2016b\bin\win64\libmwmathlinalg.dll+00550353
UMFPACK_RealLUFactor::setVerbosity+00000257
[ 1] 0x00000000f6e0366b C:\Program
Files\MATLAB\R2016b\bin\win64\libmwmathlinalg.dll+00538219
QueryMLFcnTable_libmwmathlinalg+00198699
[ 2] 0x00000000f6e068f6 C:\Program
Files\MATLAB\R2016b\bin\win64\libmwmathlinalg.dll+00551158 sbackslash+00000742
[ 3] 0x00000000f6dc5e1d C:\Program
Files\MATLAB\R2016b\bin\win64\libmwmathlinalg.dll+00286237
SparseLUFactor::symbolicFactor+00123949
[ 4] 0x00000000f6dc5ca7 C:\Program
Files\MATLAB\R2016b\bin\win64\libmwmathlinalg.dll+00285863
SparseLUFactor::symbolicFactor+00123575
[ 5] 0x00000000180e70ee C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00028910 mdLogging::~mdLogging+00000218
[ 6] 0x00000000180e5b1f C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00023327
Mfh_MATLAB_fn::dispatch_fh+00000639
[ 7] 0x0000000018c85166 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00872806
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00783730
[ 8] 0x0000000018c040b7 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00344247
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00255171
[ 9] 0x0000000018c520d9 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00663769
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00574693
[ 10] 0x0000000017e739ec C:\Program
Files\MATLAB\R2016b\bin\win64\m_interpreter.dll+00080364 inCallFcn+00000060
[ 11] 0x0000000018c528a6 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00665766
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00576690
[ 12] 0x0000000017e7302c C:\Program
Files\MATLAB\R2016b\bin\win64\m_interpreter.dll+00077868 inMexCallMATLAB+00000348
[ 13] 0x00000000fc5f4990 C:\Program Files\MATLAB\R2016b\bin\win64\libmex.dll+00084368
mexCallMATLAB+00000080
[ 14] 0x000000003c0886ce C:\4.5.1\mex\matlab\win64-7.8-9.2\bytecode.mexw64+00165582
mexFunction+00156190
[ 15] 0x000000003c08dd24 C:\4.5.1\mex\matlab\win64-7.8-9.2\bytecode.mexw64+00187684
mexFunction+00178292
```

```

[ 16] 0x00000003c06e635 C:\4.5.1\mex\matlab\win64-7.8-9.2\bytecode.mexw64+00058933
mexFunction+00049541
[ 17] 0x00000003c07121e C:\4.5.1\mex\matlab\win64-7.8-9.2\bytecode.mexw64+00070174
mexFunction+00060782
[ 18] 0x00000003c071f43 C:\4.5.1\mex\matlab\win64-7.8-9.2\bytecode.mexw64+00073539
mexFunction+00064147
[ 19] 0x00000003c06bb22 C:\4.5.1\mex\matlab\win64-7.8-9.2\bytecode.mexw64+00047906
mexFunction+00038514
[ 20] 0x0000000fc5fc5d1 C:\Program Files\MATLAB\R2016b\bin\win64\libmex.dll+00116177
mexRunMexFile+00000129
[ 21] 0x0000000fc5fb2e2 C:\Program Files\MATLAB\R2016b\bin\win64\libmex.dll+00111330
mexFeature_mexver+00001794
[ 22] 0x0000000fc5fa506 C:\Program Files\MATLAB\R2016b\bin\win64\libmex.dll+00107782
mexUnlock+00020182
[ 23] 0x00000000180e46de C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00018142
Mfh_file::dispatch_fh_impl+00000434
[ 24] 0x00000000180e44b6 C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00017590 Mfh_file::dispatch_fh+00000062
[ 25] 0x00000000180e5827 C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00022567
Mfunction_handle::dispatch+00001015
[ 26] 0x0000000018c8bfbfd C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00901053
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00811977
[ 27] 0x0000000018d478bf C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+01669311
boost::serialization::singleton<boost::serialization::void_cast_detail::void_caster_primitive<ir::lrTree
,MathWorks::util::attachment> >::get_instance+00114051
[ 28] 0x0000000018d4747a C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+01668218
boost::serialization::singleton<boost::serialization::void_cast_detail::void_caster_primitive<ir::lrTree
,MathWorks::util::attachment> >::get_instance+00112958
[ 29] 0x0000000018d473b5 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+01668021
boost::serialization::singleton<boost::serialization::void_cast_detail::void_caster_primitive<ir::lrTree
,MathWorks::util::attachment> >::get_instance+00112761
[ 30] 0x0000000018c88707 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00886535
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00797459
[ 31] 0x0000000018c874b8 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00881848
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00792772
[ 32] 0x0000000018c09eab C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00368299
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00279223
[ 33] 0x0000000018c09740 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00366400
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00277324
[ 34] 0x0000000018c91efe C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00925438
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00836362
[ 35] 0x0000000018c9195a C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00923994
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00834918
[ 36] 0x0000000018c91979 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00924025
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00834949

```

```

[          37]          0x00000000180e46de          C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00018142
Mfh_file::dispatch_fh_impl+00000434
[          38]          0x00000000180e44b6          C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00017590 Mfh_file::dispatch_fh+00000062
[          39]          0x00000000180e5827          C:\Program
Files\MATLAB\R2016b\bin\win64\m_dispatcher.dll+00022567
Mfunction_handle::dispatch+00001015
[ 40] 0x0000000018c8bfbd C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00901053
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00811977
[ 41] 0x0000000018c5fbc0 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00719808
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00630732
[ 42] 0x0000000018c9728f C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00946831
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00857755
[ 43] 0x0000000018c97b75 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00949109
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00860033
[ 44] 0x0000000018c99151 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00954705
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00865629
[ 45] 0x0000000018c99c95 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00957589
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00868513
[ 46] 0x0000000018c9932f C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00955183
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00866107
[ 47] 0x0000000018c9940d C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00955405
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00866329
[ 48] 0x0000000018c88041 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00884801
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00795725
[ 49] 0x0000000018c09eab C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00368299
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00279223
[ 50] 0x0000000018c09740 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00366400
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00277324
[ 51] 0x0000000018c03f8f C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00343951
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00254875
[ 52] 0x0000000018c03aa1 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00342689
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00253613
[ 53] 0x0000000018c03991 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00342417
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00253341
[ 54] 0x0000000018d903e9 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+01967081
boost::serialization::singleton<boost::archive::detail::oserializer<boost::archive::polymorphic_oarchi
ve,foundation::msg_svc::eventmgr::BaseEvent> >::get_instance+00003353
[ 55] 0x0000000018d90372 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+01966962
boost::serialization::singleton<boost::archive::detail::oserializer<boost::archive::polymorphic_oarchi
ve,foundation::msg_svc::eventmgr::BaseEvent> >::get_instance+00003234

```

```

[ 56] 0x0000000018c52a61 C:\Program Files\MATLAB\R2016b\bin\win64\m_lxe.dll+00666209
boost::serialization::singleton<boost::archive::detail::iserializer<boost::archive::binaryTerm_iarchive
,ir::lrTree> >::get_instance+00577133
[      57]                0x0000000017edb3bd                C:\Program
Files\MATLAB\R2016b\bin\win64\m_interpreter.dll+00504765
inEvalCmdWithLocalReturn+00000065
[ 58] 0x00000000fb608ced C:\Program Files\MATLAB\R2016b\bin\win64\libmwbridge.dll+00101613
mnGetPrompt+00012957
[ 59] 0x00000000fb609ba3 C:\Program Files\MATLAB\R2016b\bin\win64\libmwbridge.dll+00105379
mnParser+00001091
[ 60] 0x0000000017cb6841 C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00223297
mcr::runtime::setInterpreterThreadToCurrent+00025585
[ 61] 0x0000000017cb57d7 C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00219095
mcr::runtime::setInterpreterThreadToCurrent+00021383
[ 62] 0x0000000017cb5853 C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00219219
mcr::runtime::setInterpreterThreadToCurrent+00021507
[ 63] 0x0000000017cb6141 C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00221505
mcr::runtime::setInterpreterThreadToCurrent+00023793
[ 64] 0x00000000fd01d347 C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00578375
iqm::UserEvalPlugin::pre+00030679
[ 65] 0x00000000fd029e7c C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00630396
iqm::UserEvalPlugin::pre+00082700
[ 66] 0x00000000fd017480 C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00554112
iqm::UserEvalPlugin::pre+00006416
[ 67] 0x00000000fd02c99a C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00641434
iqm::UserEvalPlugin::pre+00093738
[ 68] 0x00000000fcff9a37 C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00432695
iqm::PackagedTaskPlugin::PackagedTaskPlugin+00000727
[ 69] 0x00000000fcffa08f C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00434319
iqm::PackagedTaskPlugin::execute+00000575
[ 70] 0x00000000fcff9aa9 C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00432809
iqm::PackagedTaskPlugin::PackagedTaskPlugin+00000841
[ 71] 0x00000000fcff9f04 C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00433924
iqm::PackagedTaskPlugin::execute+00000180
[ 72] 0x00000000fcfd42fa C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00279290
iqm::Iqm::setupIqmFcnPtrs+00071530
[ 73] 0x00000000fcfd41d3 C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00278995
iqm::Iqm::setupIqmFcnPtrs+00071235
[ 74] 0x00000000fcfb9e5a C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00171610
iqm::Iqm::deliver+00003274
[ 75] 0x00000000fcfbad2f C:\Program Files\MATLAB\R2016b\bin\win64\iqm.dll+00175407
iqm::Iqm::deliver+00007071
[      76]                0x00000000100108173                C:\Program
Files\MATLAB\R2016b\bin\win64\libmwservices.dll+01147251
services::system_events::PpeDispatchHook::dispatchOne+00019059
[      77]                0x0000000010010c3a3                C:\Program
Files\MATLAB\R2016b\bin\win64\libmwservices.dll+01164195
sysq::addProcessPendingEventsUnitTestHook+00001923
[      78]                0x0000000010010c580                C:\Program
Files\MATLAB\R2016b\bin\win64\libmwservices.dll+01164672
sysq::addProcessPendingEventsUnitTestHook+00002400
[      79]                0x0000000010010d685                C:\Program
Files\MATLAB\R2016b\bin\win64\libmwservices.dll+01169029 sysq::getCondition+00002917
[      80]                0x0000000010010e4b2                C:\Program
Files\MATLAB\R2016b\bin\win64\libmwservices.dll+01172658
svWS_ProcessPendingEvents+00000162

```

```

[ 81] 0x0000000017cb6b7d C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00224125
mcr::runtime::setInterpreterThreadToCurrent+00026413
[ 82] 0x0000000017cb726a C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00225898
mcr::runtime::setInterpreterThreadToCurrent+00028186
[ 83] 0x0000000017cae385 C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00189317
mcr_process_events+00010293
[ 84] 0x0000000017cb02d2 C:\Program Files\MATLAB\R2016b\bin\win64\mcr.dll+00197330
mcr_process_events+00018306
[ 85] 0x000000001782bd0e C:\Program Files\MATLAB\R2016b\bin\win64\MVMLocal.dll+00245006
mvm_server::inproc::LocalFactory::terminate+00070846
[ 86] 0x00000000fa942cd9 C:\Program Files\MATLAB\R2016b\bin\win64\mvm.dll+01125593
mvm::detail::initLocalMvmHack+00000521
[ 87] 0x00000000fa9432a5 C:\Program Files\MATLAB\R2016b\bin\win64\mvm.dll+01127077
mvm::detail::SessionImpl::privateSession+00000373
[ 88] 0x00000000fa9434b1 C:\Program Files\MATLAB\R2016b\bin\win64\mvm.dll+01127601
mvm::detail::SessionImpl::privateSession+00000897
[ 89] 0x0000000140006fd5 C:\Program Files\MATLAB\R2016b\bin\win64\MATLAB.exe+00028629
[ 90] 0x0000000140007661 C:\Program Files\MATLAB\R2016b\bin\win64\MATLAB.exe+00030305
[ 91] 0x00007ff92c823574 C:\WINDOWS\System32\KERNEL32.DLL+00079220
BaseThreadInitThunk+00000020
[ 92] 0x00007ff92f0ecb81 C:\WINDOWS\SYSTEM32\ntdll.dll+00445313
RtlUserThreadStart+00000033

```

This error was detected while a MEX-file was running. If the MEX-file is not an official MathWorks function, please examine its source code for errors. Please consult the External Interfaces Guide for information on debugging MEX-files.

If this problem is reproducible, please submit a Service Request via:
http://www.mathworks.com/support/contact_us/

A technical support engineer might contact you with further information.

Thank you for your help.