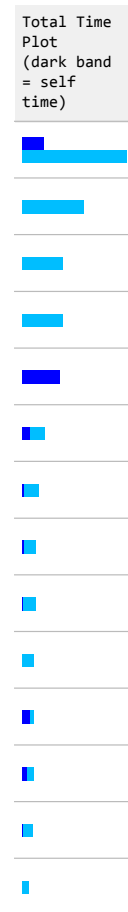


Profile Summary

Generated 15-Nov-2015 22:13:58 using cpu time.

Function Name	Calls	Total Time	Self Time*
test_ERK_strand	1	12.773 s	2.185 s
Rosenbrock2.Rosenbrock2>Rosenbrock2.step	100	6.338 s	0.057 s
...K_strand>@(t,u)Jacobian(Sobject,u)	100	4.115 s	0.007 s
test_ERK_strand>Jacobian	100	4.108 s	0.041 s
elasticStrandObj.StiffnessMatrix	100	3.816 s	3.816 s
getframe	100	2.415 s	0.957 s
expmv	100	1.626 s	0.199 s
select_taylor_degree	100	1.424 s	0.242 s
graphics\private\alternateGetframe	100	1.345 s	0.104 s
normAm	800	1.182 s	0.055 s
getframeWithDecorations	100	1.168 s	0.938 s
normest1	800	1.127 s	0.469 s
...VideoWriter>VideoWriter.writeVideo	100	0.973 s	0.111 s
IProfile>IProfile.writeVideoFrame	100	0.606 s	0.006 s



axis	101	0.142 s	0.081 s
...ctory>ProfileFactory.createProfile	2	0.117 s	0.009 s
...ter>VideoWriter.convertFramesToRGB	100	0.117 s	0.084 s
getframe>Local_getRectanglesOfInterest	100	0.113 s	0.113 s
Default>Default.Default	2	0.107 s	0.003 s
...pegAVI>MotionJpegAVI.MotionJpegAVI	2	0.104 s	0.010 s
sun.awt.image.InterleavedRaster (Java method)	100	0.099 s	0.099 s
...Writer>VideoWriter.convertDataType	100	0.090 s	0.005 s
...bj.onCustomEvent(data.Type,data.Data)	100	0.088 s	0.006 s
IProfile>IProfile.createPlugin	2	0.087 s	0.017 s
Channel>Channel.onCustomEvent	100	0.082 s	0.017 s
...riter.validateAllowableFrameDataTypes	100	0.079 s	0.010 s
getpixelposition	100	0.073 s	0.073 s
close	1	0.067 s	0.004 s
cell.union	100	0.066 s	0.016 s
java.awt.image.BufferedImage (Java method)	300	0.065 s	0.065 s
...Plugin>AviFilePlugin.AviFilePlugin	2	0.061 s	0.003 s

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100	100

...AviFilePlugin.MotionJpegAviFilePlugin	2	0.061 s	0.000 s
...WithDecorations>javaGetFigureFrame	100	0.060 s	0.060 s
AviFilePlugin>AviFilePlugin.set.FileName	1	0.058 s	0.002 s
IPlugin>IPlugin.createChannel	1	0.056 s	0.015 s
...y>ProfileFactory.getFileExtensions	1	0.056 s	0.001 s
...(source,data)obj.onFrameWritten(data)	100	0.054 s	0.006 s
axis>LocSetLimits	101	0.053 s	0.052 s
cell.union>cellunionR2012a	100	0.050 s	0.019 s
IPlugin>IPlugin.onFrameWritten	100	0.048 s	0.014 s
camva	200	0.040 s	0.040 s
close>safegetchildren	1	0.036 s	0.005 s
normest1>mysign	2947	0.034 s	0.034 s
...iter.VideoWriter>VideoWriter.close	2	0.033 s	0.002 s
setdiff	2	0.031 s	0.002 s
Channel>Channel.Channel	1	0.031 s	0.019 s
MotionJpegAVI>MotionJpegAVI.close	1	0.031 s	0.005 s
cell.unique	100	0.031 s	0.021 s

setdiff>setdiffR2012a	2	0.029 s	0.010 s
IPlugin>IPlugin.close	3	0.028 s	0.007 s
VideoWriter.VideoWriter>VideoWriter.open	1	0.028 s	0.004 s
normest1>undupli	2947	0.028 s	0.028 s
campos	200	0.026 s	0.026 s
close>request_close	1	0.025 s	0.003 s
MotionJpegAVI>MotionJpegAVI.open	1	0.024 s	0.003 s
graphics\private\claNotify	100	0.024 s	0.024 s
...(source,data)obj.onFrameWritten(data)	100	0.024 s	0.012 s
...er>VideoWriter.validateFrameStruct	100	0.023 s	0.016 s
elasticStrandObj.SetMaterial	99	0.020 s	0.020 s
ishold	101	0.018 s	0.018 s
AviFilePlugin>AviFilePlugin.open	1	0.018 s	0.002 s
...lugin>MotionJpegAviFilePlugin.open	1	0.018 s	0.000 s
...>elasticStrandObj.elasticStrandObj	1	0.015 s	0.015 s
Channel>Channel.open	1	0.015 s	0.010 s
closereg	1	0.014 s	0.014 s

ismember	3	0.013 s	0.004 s
rng	2	0.013 s	0.003 s
unique	2	0.012 s	0.004 s
IPlugin>IPlugin.delete	2	0.012 s	0.000 s
...ofile.VideoProperties.(metaprop.Name)	100	0.012 s	0.012 s
IProfile>IProfile.onFrameWritten	100	0.012 s	0.003 s
OutputStream>OutputStream.drain	2	0.011 s	0.003 s
...fo>CustomEventInfo.CustomEventInfo	100	0.011 s	0.011 s
ismember>ismemberBuiltinTypes	547	0.011 s	0.011 s
fileparts	2	0.010 s	0.009 s
Channel>Channel.close	2	0.010 s	0.009 s
cell.unique>celluniqueR2012a	100	0.010 s	0.010 s
...rittenEventData.FrameWrittenEventData	100	0.010 s	0.010 s
ismember>ismemberR2012a	3	0.009 s	0.005 s
fullfile	6	0.009 s	0.005 s
Channel>Channel.delete	1	0.009 s	0.007 s
cell.ismember	200	0.009 s	0.009 s

...rties>VideoProperties.frameWritten	100	0.009 s	0.009 s
close>request_close_helper	2	0.008 s	0.002 s
unique>uniqueR2012a	2	0.008 s	0.008 s
axis>allAxes	101	0.008 s	0.008 s
Stream>Stream.Stream	2	0.008 s	0.004 s
...m.RandStream>RandStream.RandStream	2	0.007 s	0.004 s
...oProperties.MotionJpegVideoProperties	2	0.007 s	0.001 s
...>VideoWriter.initDynamicProperties	1	0.007 s	0.001 s
newplot>ObserveFigureNextPlot	100	0.007 s	0.007 s
...osenbrock2>Rosenbrock2.Rosenbrock2	1	0.006 s	0.002 s
Stream>Stream.addFilter	1	0.006 s	0.004 s
Stream>Stream.wait	2	0.006 s	0.001 s
...argin)obj.addDynamicProp(varargin{:})	10	0.006 s	0.001 s
com.mathworks.hg.peer.HG2FigurePeer (Java method)	100	0.006 s	0.006 s
...ideoWriter>create@(x)size(x,cdata)	200	0.006 s	0.006 s
InputStream>InputStream.InputStream	1	0.005 s	0.001 s
...am>@(obj)obj.getDataAvailable()==0	2	0.005 s	0.003 s

...oWriter>VideoWriter.addDynamicProp	10	0.005 s	0.002 s
IProfile>IProfile.validateFrameSize	99	0.005 s	0.005 s
ismember>ismemberClassTypes	3	0.004 s	0.004 s
...trandObj>elasticStrandObj.finalize	1	0.004 s	0.004 s
...derIVP>FirstOrderIVP.FirstOrderIVP	1	0.004 s	0.004 s
Stream>Stream.isSupported	2	0.004 s	0.004 s
OutputStream>OutputStream.OutputStream	1	0.004 s	0.000 s
Channel>Channel.isOpen	104	0.004 s	0.004 s
IProfile>IProfile.getPreferredColorSpace	100	0.004 s	0.004 s
...ter>create@(x)~isempty(x.colormap)	100	0.004 s	0.004 s
RandStream.RandStream.getargs	2	0.003 s	0.003 s
toolboxdir	1	0.003 s	0.001 s
Channel>Channel.postInit	1	0.003 s	0.002 s
...es>VideoProperties.VideoProperties	2	0.003 s	0.003 s
...MotionJpegVideoProperties.set.Quality	2	0.003 s	0.003 s
Channel>Channel.preOpen	1	0.003 s	0.002 s
...Writer>create@(x)~isempty(x.cdata)	100	0.003 s	0.003 s

...deoWriter>VideoWriter.getFrameSize	99	0.003 s	0.003 s
trace	100	0.003 s	0.003 s
...RandStream>localGetSetGlobalStream	3	0.002 s	0.002 s
...dStream>RandStream.setGlobalStream	2	0.002 s	0.000 s
fullfile>addTrailingFileSep	6	0.002 s	0.002 s
fullfile>ensureTrailingFilesep	6	0.002 s	0.000 s
fullfile>refinePath	6	0.002 s	0.002 s
...egAviFilePlugin.getChannelInitOptions	1	0.002 s	0.002 s
Stream>Stream.isOpen	1	0.002 s	0.002 s
Stream>Stream.getDataAvailable	2	0.002 s	0.002 s
Stream>Stream.flush	2	0.002 s	0.002 s
...er.VideoWriter>VideoWriter.addprop	9	0.002 s	0.002 s
VideoProperties>VideoProperties.open	1	0.002 s	0.002 s
...rIVP>FirstOrderIVP.GetCurrentState	100	0.002 s	0.002 s
...VideoWriter>(x)~isempty(x.cdata)	100	0.002 s	0.002 s
...oWriter>VideoWriter.verifyNumBands	100	0.002 s	0.002 s
close>getEmptyHandleList	3	0.001 s	0.001 s

close>checkfigs	2	0.001 s	0.001 s
rng>getCurrentType	1	0.001 s	0.000 s
RandStream.RandStream>RandStream.subsref	1	0.001 s	0.001 s
...tateForceRoutine(Sobject,u,fExternal)	1	0.001 s	0.001 s
...randObj>elasticStrandObj.GetNNodes	101	0.001 s	0.001 s
ispc	103	0.001 s	0.001 s
...gt;ProfileFactory.checkIsKnownProfile	2	0.001 s	0.001 s
IPlugin>IPlugin.get.BufferSize	2	0.001 s	0.001 s
...PropertyChanged(data.Name,data.Value)	1	0.001 s	0.001 s
...pegAviFilePlugin.getFilterInitOptions	1	0.001 s	0.001 s
...ofile.createFrameWrittenEventListener	2	0.001 s	0.001 s
Channel>Channel.postClose	1	0.001 s	0.001 s
Channel>Channel.preTerm	1	0.001 s	0.001 s
Stream>Stream.delete	2	0.001 s	0.001 s
opaque.char	1	0.001 s	0.001 s
...ofile.VideoProperties.(metaprop.Name)	9	0.001 s	0.001 s
IProfile>IProfile.open	1	0.001 s	0.001 s

IPlugin>IPlugin.open	1	0.001 s	0.001 s
...ate@(source,data)obj.onDataReceived()	1	0.001 s	0.001 s
...iter.VideoWriter>@(x)size(x.cdata)	200	0.001 s	0.001 s
...deoWriter>@(x)~isempty(x.colormap)	100	0.001 s	0.001 s
VideoProperties>VideoProperties.close	1	0.001 s	0.001 s
...ddenHandles',oldUDDShowHiddenHandles)	1	0 s	0.000 s
...ddenHandles',oldUDDShowHiddenHandles)	1	0 s	0.000 s
gcbf	2	0 s	0.000 s
RandStream.RandStream>RandStream.algName	2	0 s	0.000 s
@RandStream\private\create_mex (MEX-file)	2	0 s	0.000 s
@RandStream\private\inLegacyMode (MEX-file)	3	0 s	0.000 s
@RandStream\private\getset_mex (MEX-file)	2	0 s	0.000 s
RandStream.delete (MEX-file)	2	0 s	0.000 s
...dStream>RandStream.getGlobalStream	1	0 s	0.000 s
...nd>create@(t,u)Jacobian(Subject,u)	1	0 s	0.000 s
filesep	2	0 s	0.000 s
pwd	1	0 s	0.000 s

<u>...ory>ProfileFactory.getProfileClass</u>	2	0 s	0.000 s
<u>IProfile>IProfile.IProfile</u>	2	0 s	0.000 s
<u>IPlugin>IPlugin.IPlugin</u>	2	0 s	0.000 s
<u>IPlugin>IPlugin.getConverterName</u>	1	0 s	0.000 s
<u>...ata)obj.onPreError(data.ID,data.Text)</u>	1	0 s	0.000 s
<u>...data)obj.onWarning(data.ID,data.Text)</u>	1	0 s	0.000 s
<u>...e@(source,data)obj.onTrace(data.Text)</u>	1	0 s	0.000 s
<u>...bj.onCustomEvent(data.Type,data.Data)</u>	1	0 s	0.000 s
<u>Stream>Stream.set.Timeout</u>	1	0 s	0.000 s
<u>...(source,data)obj.onFrameWritten(data)</u>	1	0 s	0.000 s
<u>...(source,data)obj.onFrameWritten(data)</u>	2	0 s	0.000 s
<u>...erties>VideoProperties.errorIfOpen</u>	2	0 s	0.000 s
<u>...create@(obj)obj.getDataAvailable()==0</u>	2	0 s	0.000 s
<u>usejava</u>	1	0 s	0.000 s
<u>java.io.File</u> (Java method)	2	0 s	0.000 s
<u>...argin)obj.addDynamicProp(varargin{:})</u>	1	0 s	0.000 s
<u>...j.setDynamicProp(metaprop.Name,value)</u>	2	0 s	0.000 s

...gt;MotionJpegAVI.getPluginOpenOptions	1	0 s	0.000 s
...;create@(source,data)obj.onDataSent()	1	0 s	0.000 s
...t;OutputColorFormat.OutputColorFormat	6	0 s	0.000 s
...deoWriter>create@(x)class(x.cdata)	100	0 s	0.000 s
...ter.VideoWriter>@(x)class(x.cdata)	100	0 s	0.000 s
...riter>VideoWriter.computeNumFrames	100	0 s	0.000 s
...ter.VideoWriter>VideoWriter.delete	1	0 s	0.000 s

Self time is the time spent in a function excluding the time spent in child functions. Self time also includes overhead resulting from process of profiling.

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