Profile Summary (Total time: 26609.572 s)

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
main	1	26608.728	0.238	
parallel_function	1	26606.475	0.007	
parallel_function>distributed_execution	1	26606.427	0.015	
remoteparfor>remoteparfor.getCompleteIntervals	29	26606.279	15.925	
java.util.concurrent.LinkedBlockingQueue (Java method)	26213	26537.209	26537.209	
remoteparfor>remoteparfor.displayOutput	26212	52.150	28.791	
…works.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	26153	12.346	12.346	
remoteparfor>iDisplayStringArray	26153	8.089	3.940	
remoteparfor>@(msg)fprintf(1,'%s',char(msg))	5981	4.148	4.148	
….toolbox.distcomp.pmode.parfor.ParforControllerImpl (Java method)	26271	3.014	3.014	
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	26105	0.949	0.949	
uiopen	1	0.786	0.002	
open	1	0.780	0.002	
sound	1	0.758	0.098	
hold	2	0.658	0.269	
audioplayer.audioplayer>audioplayer.audioplayer	1	0.579	0.002	
general\private\openm	1	0.404	0.000	
edit	1	0.404	0.001	
edit>openWithFileSystem	2	0.398	0.000	
edit>openEditor	1	0.396	0.001	
Document.Document>Document.openEditor	1	0.392	0.000	
DocumentUtils.DocumentUtils>DocumentUtils.openEditor	1	0.392	0.001	
…rDocument.JavaEditorDocument>JavaEditorDocument.openEditor	1	0.390	0.000	
JavaEditorDocument.JavaEditorDocument>openEditorViaFunction	1	0.390	0.001	
…ditorDocument>@(file)openUsingOpenFileInAppropriateEditor(file)	1	0.388	0.000	
…ment.JavaEditorDocument>openUsingOpenFileInAppropriateEditor	1	0.387	0.387	
audioplayer.audioplayer>audioplayer.set.DeviceID	1	0.379	0.040	
title	1	0.370	0.359	
open>whichWrapper	1	0.366	0.366	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	1	0.354	0.073	
DeviceInfo>DeviceInfo.getDevicesForDefaultHostApi	2	0.344	0.059	
DeviceInfo>DeviceInfo.getDevices	2	0.284	0.118	
audioplayer.audioplayer>audioplayer.initialize	1	0.192	0.039	
ToolbarFactory>ToolbarFactory.getToolbar	1	0.165	0.126	
+device\private\mexAudioDeviceInfo (MEX-file)	16	0.161	0.161	
ylabel	1	0.139	0.135	
remoteparfor>remoteparfor.addInterval	112	0.115	0.012	
CanvasSetup>CanvasSetup.createScribeLayers	1	0.114	0.034	
Channel>Channel.Channel	1	0.080	0.072	
…tackManager.ScribeStackManager>ScribeStackManager.getLayer	4	0.080	0.004	
audioplayer.play	1	0.077	0.003	
…ckManager.ScribeStackManager>ScribeStackManager.createLayer	3	0.072	0.037	
audioplayer.audioplayer>audioplayer.resume	1	0.066	0.001	
Channel>Channel.open	1	0.060	0.060	

xlabel	1	0.044	0.040	
newplotwrapper	15	0.043	0.022	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	1	0.040	0.001	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	1	0.040	0.039	
audioplayer.audioplayer>audioplayer.get.Options	2	0.039	0.036	
…er.DesktopToolbarController>DesktopToolbarController.getInstance	1	0.038	0.001	
…lbarController>DesktopToolbarController.DesktopToolbarController	1	0.038	0.020	
remoteparfor>remoteparfor.deserialize	112	0.035	0.012	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	3	0.031	0.022	
parallel_function>@(initData,F)createEngine(M,initData,F)	1	0.024	0.000	
PoolOptions>PoolOptions.createEngine	1	0.024	0.001	
remoteparfor>remoteparfor.remoteparfor	1	0.023	0.002	
deserialize	112	0.023	0.016	
newplot	15	0.021	0.007	
remoteparfor>remoteparfor.serialize	113	0.020	0.003	
remoteparfor>remoteparfor.buildParforController	1	0.020	0.006	
serialize	113	0.017	0.004	
Converter>Converter.secondsToSamples	4	0.016	0.016	
…xesInteractions>UnifiedAxesInteractions.createDefaultInteractions	4	0.013	0.006	
fullfile	5	0.013	0.008	
Channel>@(source,data)obj.onDataSent()	1	0.012	0.000	
Channel>Channel.onDataSent	1	0.011	0.011	
…lbarController.ToolbarController>ToolbarController.ToolbarController	1	0.011	0.010	
…tesianAxesInteractionContainer.CartesianAxesInteractionContainer	1	0.010	0.002	
gobjects	35	0.010	0.010	
objArrayDispatch	5	0.010	0.007	
…mode.parfor.ParforControllerImpl$IntervalResultImpl (Java method)	336	0.009	0.009	
getJavaFutureInterruptibly	1	0.008	0.005	
finfo	1	0.008	0.004	
distcompMakeByteBufferHandles (MEX-file)	113	0.008	0.008	
…andardAxesInteractionContainer.StandardAxesInteractionContainer	1	0.008	0.002	
parallel_function>distributed_execution/consume_reduce	112	0.008	0.004	
ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	2	0.008	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	2	0.007	0.002	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	2	0.007	0.006	
audioplayer.audioplayer>audioplayer.hasNoAudioHardware	3	0.007	0.002	
PointerMixin>PointerMixin.setPointerStrategy	1	0.007	0.006	
pctTryCreatePoolIfNecessary	1	0.007	0.001	
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	1	0.007	0.006	
…tackManager.ScribeStackManager>ScribeStackManager.findLayer	19	0.006	0.006	
remoteparfor>remoteparfor.complete	1	0.006	0.001	
OutputStream>OutputStream.write	1	0.006	0.002	
DeviceInfo>DeviceInfo.getDeviceInfo	6	0.005	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	2	0.005	0.005	
…iner>BaseAxesInteractionContainer.BaseAxesInteractionContainer	1	0.005	0.002	
distcompserialize64 (MEX-file)	113	0.005	0.005	
TextInteractions>TextInteractions.createAndRegisterTextControl	6	0.005	0.002	
toolboxdir	1	0.005	0.002	
PoolArrayManager>PoolArrayManager.getOrAutoCreateWithCleanup	1	0.005	0.000	
parforOptions	1	0.005	0.000	

Stream>Stream.Stream	2	0.005	0.004	
PoolArrayManager>iManipulatePoolArray	1	0.005	0.003	
…s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	4	0.005	0.002	
PoolOptions>PoolOptions.build	1	0.004	0.001	
main>(parfor supply)	112	0.004	0.004	
audioplayer.audioplayer>audioplayer.set.StopFcn	1	0.004	0.003	
remoteparfor>remoteparfor.awaitCompletionDisplayingOutput	1	0.004	0.001	
Engine>Engine.divideRangeIntoIntervals	1	0.004	0.001	
fileparts	11	0.004	0.004	
audioplayer.audioplayer>audioplayer.set.SampleRate	1	0.004	0.004	
PoolOptions>PoolOptions.PoolOptions	1	0.004	0.001	
main>(parfor consume)	112	0.004	0.004	
newplot>ObserveAxesNextPlot	15	0.003	0.003	
edit>openInPrivateOfCallingFile	1	0.003	0.001	
Stream>Stream.splitPacket	1	0.003	0.002	
InputStream>InputStream.InputStream	1	0.003	0.001	
Engine>divide_biharmonic	1	0.003	0.003	
TextInteractions>TextInteractions.getCanvas	6	0.003	0.003	
strtok	1	0.003	0.001	
InteractionContainer>InteractionContainer.InteractionContainer	1	0.003	0.003	
markFigure	3	0.003	0.003	
…dAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations	5	0.003	0.003	
DeviceInfo>DeviceInfo.DeviceInfo	6	0.003	0.003	
distcompByteBufferHandles2MxArray (MEX-file)	112	0.003	0.003	
fullfile>refinePath	5	0.003	0.002	
fullfile>ensureTrailingFilesep	5	0.003	0.001	
…m.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)	112	0.003	0.003	
OutputStream>OutputStream.OutputStream	1	0.002	0.000	
range_check	1	0.002	0.001	
…terPool.AbstractClusterPool>AbstractClusterPool.get.NumWorkers	1	0.002	0.001	
dctSchedulerMessage	3	0.002	0.002	
audioplayer.audioplayer>audioplayer.isplaying	3	0.002	0.001	
…lusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable	3	0.002	0.002	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	1	0.002	0.002	
axescheck	2	0.002	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	2	0.002	0.001	
newplot>ObserveFigureNextPlot	15	0.002	0.002	
distcompdeserialize (MEX-file)	112	0.002	0.002	
strtok>doStrtok	1	0.002	0.002	
fullfile>addTrailingFileSep	5	0.002	0.002	
remoteparfor>iTimeUnitSeconds	30	0.002	0.002	
edit>resolveWithFileSystem	2	0.002	0.000	
edit>isUsingBuiltinEditor	1	0.002	0.001	
edit>resolveWithDir	2	0.001	0.001	
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	4	0.001	0.001	
colon_range_check	1	0.001	0.001	
…ackManager.ScribeStackManager>ScribeStackManager.hasLayers	3	0.001	0.001	
audioplayer.audioplayer>audioplayer.validateFcn	1	0.001	0.000	
Channel>Channel.lock	1	0.001	0.001	

getJavaFutureResult	1	0.001	0.001	
Channel>Channel.isOpen	3	0.001	0.001	
axescheck>@(x)(isStringScalar(x)||ischar(x))&&strcmpi('parent',x)	2	0.001	0.001	
audioplayer.audioplayer>audioplayer.checkNumericArgument	1	0.001	0.001	
DeviceInfo>DeviceInfo.getDefaultOutputDeviceID	2	0.001	0.001	
Stream>Stream.isSupported	2	0.001	0.001	
isPoolWorker	1	0.001	0.000	
DocumentUtils.DocumentUtils>getEditorDocumentClassNameForFile	1	0.001	0.000	
Stream>Stream.extractFromPacket	51	0.001	0.001	
graph2d\private\labelcheck	3	0.001	0.001	
HostApi>HostApi.getDefault	1	0.001	0.001	
fullfile>fixIRI	4	0.001	0.001	
audioplayer.audioplayer>audioplayer.get.CurrentSample	2	0.001	0.001	
getSettingsRoot	6	0.001	0.001	
getCurrentJob	1	0.001	0.000	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	6	0.001	0.001	
serializationProfiling	1	0.001	0.001	
Callback>Callback.validate	1	0.001	0.001	
settings	1	0.001	0.001	
PostUpdatePlugin>isAxesToolbarExcluded	1	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup	2	0.001	0.001	
…lusterPool.AbstractClusterPool>AbstractClusterPool.get.Connected	2	0.001	0.001	
isPublishingTest	6	0.001	0.001	
edit>hasFileTypeEditor	1	0.001	0.000	
parallel\private\dctSchedulerMessageHandler	3	0.001	0.001	
SerializationNotifier>SerializationNotifier.createAccumulatingListener	1	0.001	0.000	
…b.graphics.illustration.ColorBar')||isa(obj,'matlab.ui.control.UIAxes')	98	0.001	0.001	
remoteparfor>remoteparfor.allIntervalsAdded	1	0.001	0.000	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	2	0.001	0.001	
Channel>Channel.updateAndFetchLockCount	1	0.001	0.001	
edit>getFileTypeEditor	1	0.001	0.000	
usejava	3	0.001	0.001	
remoteparfor>remoteparfor.delete	1	0.001	0.000	
edit>translateUserHomeDirectory	1	0.001	0.000	
parallel\private\getCurrentEntity	1	0.001	0.001	
OutputStream>OutputStream.get.DataToSend	2	0.001	0.000	
ispc	13	0.001	0.001	
OutputStream>OutputStream.writePackets	1	0.001	0.001	
…ckManager.ScribeStackManager>ScribeStackManager.getInstance	1	0.001	0.000	
mpower	9	0.001	0.001	
getActionForFileType	1	0.001	0.001	
…nt.JavaEditorDocument>JavaEditorDocument.JavaEditorDocument	1	0.001	0.001	
ToolbarFactory>ToolbarFactory.getInstance	1	0.001	0.000	
isStringScalar	2	0.001	0.001	
…ClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession	2	0.001	0.001	
convertStringToCharArgs	3	0.001	0.001	
open>isFile	2	0.001	0.001	
OutputStream>OutputStream.get.SpaceAvailable	1	0.001	0.000	
cellstr	1	0.001	0.001	

ChildEventData>ChildEventData.ChildEventData	2	0.001	0.001	
Channel>Channel.postInit	1	0.000	0.000	
isunix	3	0.000	0.000	
DocumentUtils.DocumentUtils>getEditorDocumentClassName	1	0.000	0.000	
DataEventInfo>DataEventInfo.DataEventInfo	1	0.000	0.000	
edit>strtrim	1	0.000	0.000	
SerializationNotifier>SerializationNotifier.createSerializationListener	1	0.000	0.000	
EditorUtils.EditorUtils>EditorUtils.isFileSupportedInLiveEditor	1	0.000	0.000	
…deStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	1	0.000	0.000	
remoteparfor>iErrorCheckPool	1	0.000	0.000	
…eStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	1	0.000	0.000	
Channel>Channel.preOpen	1	0.000	0.000	
DisarmableOncleanup>DisarmableOncleanup.delete	2	0.000	0.000	
DocumentUtils.DocumentUtils>isLocalClient	1	0.000	0.000	
Document.Document>Document.Document	1	0.000	0.000	
InteractionContainer>InteractionContainer.get.Enabled	4	0.000	0.000	
remoteparfor>remoteparfor.drainIntervals	1	0.000	0.000	
edit>openOperator	1	0.000	0.000	
remoteparfor>remoteparfor.getDispatchSizes	1	0.000	0.000	
edit>openWithFileSystemAndExts	1	0.000	0.000	
audioplayer.audioplayer>audioplayer.get.TotalSamples	3	0.000	0.000	
Engine>iClamp	6	0.000	0.000	
edit>isAbsolutePath	1	0.000	0.000	
DisarmableOncleanup>DisarmableOncleanup.disarm	2	0.000	0.000	
incrementParallelFunctionDepth	2	0.000	0.000	
Stream>Stream.flush	1	0.000	0.000	
Stream>Stream.getDataAvailable	2	0.000	0.000	
edit>resolveOperator	1	0.000	0.000	
…el_function>@()matlab.internal.incrementParallelFunctionDepth(-1)	1	0.000	0.000	
isMATLABOnline	1	0.000	0.000	
computeQueueDuration	2	0.000	0.000	
mustBeValidGraphicsObject	2	0.000	0.000	
CanvasPlugin.CanvasPlugin>CanvasPlugin.CanvasPlugin	1	0.000	0.000	
JavaEditorDocument.JavaEditorDocument>isAbsolutePath	1	0.000	0.000	
edit>isSimpleFile	1	0.000	0.000	
Stream>Stream.set.Timeout	1	0.000	0.000	
PostUpdatePlugin>localGetCanvasContainingAncestor	1	0.000	0.000	
edit>checkEndsWithBadExtension	1	0.000	0.000	
audioplayer.audioplayer>audioplayer.set.AudioData	1	0.000	0.000	
endpoint_check	2	0.000	0.000	
colon_range_check>integer_range_overflow_check	1	0.000	0.000	
edit>resolveWithFileSystemAndExts	1	0.000	0.000	
Engine>Engine.Engine	1	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	2	0.000	0.000	
parallel_function>results	1	0.000	0.000	
getJavaFutureInterruptibly>@()future.cancel(true)	1	0.000	0.000	
Callback>Callback.execute	1	0.000	0.000	
Stream>Stream.getSpaceAvailable	1	0.000	0.000	
audioplayer.audioplayer>audioplayer.set.NumChannels	1	0.000	0.000	

sliced_fcnhdl_check	1	0.000	0.000	
JavaEditorDocument.JavaEditorDocument>fileNameToJavaFile	2	0.000	0.000	
finfo>getExtension	1	0.000	0.000	
remoteparfor>remoteparfor.rangeDivided	1	0.000	0.000	
audioplayer.audioplayer>audioplayer.get.NumberOfChannels	3	0.000	0.000	
xlsreadSupportedExtensions	1	0.000	0.000	
InputStream>InputStream.clearPartialPacket	1	0.000	0.000	
edit>hasExtension	1	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	1	0.000	0.000	
Worker>Worker.isMATLABOnline	1	0.000	0.000	
SerializationNotifier>SerializationNotifier.getInstance	1	0.000	0.000	
edit>checkJavaAvailable	1	0.000	0.000	
edit>isMLX	1	0.000	0.000	
audioplayer.audioplayer>audioplayer.set.BitsPerSample	1	0.000	0.000	
audioplayer.audioplayer>audioplayer.initializeTimer	1	0.000	0.000	
hasDisplay	2	0.000	0.000	
PoolOptions>iIsValidMaxNumWorkers	1	0.000	0.000	
remoteparfor>remoteparfor.maxBacklog	1	0.000	0.000	
…er.ScribeStackManager>ScribeStackManager.ScribeStackManager	1	0.000	0.000	
isFigureShowEnabled	2	0.000	0.000	
finfo>@()warning(avWarnState)	1	0.000	0.000	
isOperator	1	0.000	0.000	
MessageHandler>MessageHandler.MessageHandler	1	0.000	0.000	
Engine>Engine.numIntervalsFactor	1	0.000	0.000	
remoteparfor>remoteparfor.initialDispatchFactor	1	0.000	0.000	
ToolbarFactory>ToolbarFactory.ToolbarFactory	1	0.000	0.000	
remoteparfor>remoteparfor.getNumWorkers	1	0.000	0.000	
range_step_check	1	0.000	0.000	
parallel_function>PCTInstalled	1	0.000	0.000	
Options>Options.Options	1	0.000	0.000	
java.util.concurrent.FutureTask (Java method)	2	0.000	0.000	
…terface.DocumentInterface>DocumentInterface.DocumentInterface	2	0.000	0.000	
…nNotifier>SerializationNotifier.createAccumulatingListener/nGetList	1	0.000	0.000	
PointerMixin>PointerMixin.PointerMixin	1	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy	1	0.000	0.000	
PointerModeStrategy>PointerModeStrategy.PointerModeStrategy	1	0.000	0.000	
remoteparfor>iClamp	1	0.000	0.000	
java.io.File (Java method)	2	0.000	0.000	

***Self time** is the time spent in a function excluding any time spent in child functions. The time includes any overhead time resulting from the profiling process.