









































Profile Summary (Total time: 1190.288 s)

Generated 17-Jul-2023 22:45:33 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
main	1	1189.937	0.003	
run	11	1189.934	0.301	
parallel_function	5	1181.265	0.032	
parallel_function>distributed_execution	5	1181.076	0.058	
remoteparfor>remoteparfor.getCompleteIntervals	110	1180.702	0.596	
java.util.concurrent.LinkedBlockingQueue (Java method)	1469	1178.849	1178.849	
YZProcessing12_5thround	1	348.493	1.037	
YZProcessing08_3rdround	1	305.212	0.739	
YZProcessing10_4thround	1	302.854	0.695	
YZProcessing04_tdoa	1	137.699	0.698	
YZProcessing06_2ndround	1	92.704	0.681	
readcell	9	1.564	0.012	
ExecutableFunction>ExecutableFunction.validateAndExecute	9	1.546	0.008	
YZProcessing05_statistics_remountlier	1	1.454	0.319	
ReadCell>ReadCell.execute	9	1.325	0.018	
remoteparfor>remoteparfor.displayOutput	1464	1.013	0.497	
ReadCellWithImportOptions>ReadCellWithImportOptions.execute	9	0.978	0.008	
ReadCellText>ReadCellText.execute	9	0.848	0.008	
TextDataReader>TextDataReader.read	9	0.748	0.044	
CellBuilder>CellBuilder.build	9	0.696	0.009	
CellBuilder>CellBuilder.convertcells	9	0.629	0.018	
str2double	17745	0.596	0.596	
scatter	12	0.526	0.059	
ylabel	12	0.407	0.242	
remoteparfor>iDisplayStringArray	1200	0.342	0.155	
DetectImportOptions>DetectImportOptions.execute	9	0.325	0.011	
hold	12	0.315	0.077	
YZProcessing09_3rdroundstatistics	1	0.304	0.158	
DetectImportOptionsText>DetectImportOptionsText.execute	9	0.304	0.006	
YZProcessing11_4throundstatistics	1	0.298	0.161	
YZProcessing13_5throundstatistics	1	0.294	0.166	
DetectImportOptionsText>DetectImportOptionsText.getTextOpts	9	0.291	0.005	
YZProcessing07_2ndroundstatistics	1	0.287	0.157	
audioread	4	0.273	0.005	
audioread>readaudio	4	0.264	0.027	
...mportOptionsText>DetectImportOptionsText.getOptsFromDetection	9	0.259	0.066	
ReadCell>ReadCell.validate	9	0.208	0.004	
configureAxes	16	0.205	0.011	
DetectImportOptions>DetectImportOptions.validate	9	0.203	0.009	
yline	4	0.203	0.002	

xyzline	4	0.201	0.069	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	12	0.195	0.016	
remoteparfor>remoteparfor.deserialize	420	0.190	0.055	
remoteparfor>@(msg)fprintf(1,'%s',char(msg))	1202	0.187	0.187	
remoteparfor>remoteparfor.addInterval	420	0.179	0.059	
categorical.categorical>categorical.categorical	14	0.157	0.050	
configureRuler	32	0.149	0.029	
getExtendedErrorCallback	1	0.144	0.001	
mapTopic	1	0.140	0.001	
...wFactory>helpviewFactory.get_location_for_shortcode_and_topic	1	0.138	0.003	
CanvasSetup>CanvasSetup.createScribeLayers	12	0.136	0.005	
deserialize	420	0.135	0.099	
...tackManager.ScribeStackManager>ScribeStackManager.getLayer	48	0.135	0.011	
...toolbox.distcomp.pmode.parfor.ParforControllerImpl (Java method)	1650	0.134	0.134	
ExecutableFunction>ExecutableFunction.validate	9	0.133	0.003	
ExecutableFunction>ExecutableFunction.validateArguments	9	0.130	0.019	
AbstractScatter.doUpdate	12	0.122	0.081	
InputStream>InputStream.read	4	0.120	0.029	
...ckManager.ScribeStackManager>ScribeStackManager.createLayer	36	0.117	0.031	
...rks.mlwidgets.help.MLHelpTopicUriRetrieverFactory (Java method)	2	0.116	0.116	
Scatter.Scatter>Scatter.Scatter	12	0.114	0.002	
rmoutliers	12	0.102	0.003	
parallel_function>@(initData,F)createEngine(M,initData,F)	5	0.100	0.001	
PoolOptions>PoolOptions.createEngine	5	0.099	0.003	
ImportOptions.ImportOptions>ImportOptions.setvartype	9	0.098	0.006	
rmMissingOutliers	12	0.098	0.006	
AbstractScatter.AbstractScatter>AbstractScatter.AbstractScatter	12	0.097	0.032	
...works.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	1200	0.096	0.096	
remoteparfor>remoteparfor.remoteparfor	5	0.096	0.010	
ismember	62	0.095	0.020	
AbstractScatter.getXYZDataExtents	12	0.095	0.020	
InputStream>InputStream.readPackets	12	0.090	0.090	
TextDataReader>TextDataReader.TextDataReader	9	0.090	0.009	
FastVarOpts>FastVarOpts.setTypes	27	0.089	0.015	
remoteparfor>remoteparfor.serialize	425	0.089	0.008	
remoteparfor>remoteparfor.buildParforController	5	0.081	0.019	
serialize	425	0.081	0.018	
rmMissingOutliers>applyFun	12	0.076	0.003	
AcceptsReadableFilename>AcceptsReadableFilename.set.Filename	9	0.076	0.004	
cell.ismember	26	0.076	0.026	
isoutlier	12	0.074	0.009	
ismember>ismemberR2012a	62	0.073	0.019	
...tsReadableFilename>AcceptsReadableFilename.validateFilename	9	0.072	0.005	
TextDataReader>TextDataReader.initTextParser	9	0.071	0.009	
cell.unique	94	0.067	0.027	

CategoricalRuler>CategoricalRuler.convertNumericLimits	4	0.067	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	36	0.067	0.027	
CategoricalRuler>CategoricalRuler.makeNonNumericLimits	4	0.066	0.005	
CategoricalRuler>CategoricalRuler.addData	16	0.061	0.004	
CategoricalRuler>CategoricalRuler.makeNonNumeric	4	0.061	0.004	
arraytolimits	16	0.060	0.005	
validatestring	42	0.057	0.010	
CategoricalRuler>CategoricalRuler.mergeDataCategories	16	0.057	0.009	
arraytolimits>localGetLimits	48	0.055	0.055	
hggetbehavior	24	0.054	0.003	
validateFileName	9	0.052	0.010	
hggetbehavior>localGet	24	0.050	0.014	
DelimitedTextImportOptions>DelimitedTextImportOptions.getParser	9	0.047	0.017	
Channel>Channel.Channel	4	0.046	0.025	
Scatter.Scatter>Scatter.doSetup	24	0.046	0.030	
configureAxes>checkChildren	16	0.045	0.007	
categorical.removecats	12	0.044	0.009	
validatestring>checkString	42	0.043	0.013	
fullfile	27	0.043	0.016	
AcceptsFileType>AcceptsFileType.set.FileType	9	0.043	0.004	
datafun\private\locateoutliers	12	0.042	0.013	
...xesInteractions>UnifiedAxesInteractions.createDefaultInteractions	26	0.040	0.015	
parallel_function>distributed_execution/consume_reduce	420	0.040	0.014	
unique	31	0.039	0.017	
cell.unique>celluniqueR2012a	94	0.038	0.038	
detectTypes	9	0.036	0.016	
getJavaFutureInterruptibly	5	0.034	0.013	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	24	0.034	0.007	
distcompserialize64 (MEX-file)	425	0.034	0.034	
makeNumeric	20	0.034	0.007	
ToolbarFactory>ToolbarFactory.getToolbar	12	0.033	0.002	
ismember>ismemberClassTypes	9	0.033	0.009	
configureAxes>checkDim	32	0.032	0.014	
...er.DesktopToolbarController>DesktopToolbarController.getInstance	12	0.031	0.002	
parseplotapi	12	0.031	0.005	
setxor	9	0.031	0.002	
ConstantLine.ConstantLine>ConstantLine.doUpdate	4	0.031	0.022	
...rtOptions>DelimitedTextImportOptions.DelimitedTextImportOptions	9	0.031	0.005	
unescape	54	0.031	0.017	
...mode.parfor,ParforControllerImpl\$IntervalResultImpl (Java method)	1260	0.030	0.030	
FastVarOpts>FastVarOpts.get.Names	27	0.030	0.005	
attributes	11	0.030	0.005	
hgbehaviorfactory	24	0.030	0.002	
distcompMakeByteBufferHandles (MEX-file)	425	0.030	0.030	

cell.setdiff	9	0.029	0.003	
..._lbarController>DesktopToolBarController.DesktopToolBarController	12	0.029	0.004	
ImportOptions.ImportOptions>ImportOptions.get.VariableNames	18	0.029	0.002	
setxor>setxorR2012a	9	0.029	0.006	
DelimitedTextInputs>DelimitedTextInputs.set.Delimiter	18	0.029	0.006	
hgbehaviorfactory>localCreate	24	0.028	0.011	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	24	0.027	0.025	
cell.setdiff>cellsetdiffR2012a	9	0.026	0.009	
axescheck	28	0.025	0.015	
DetectImportOptionsText>DetectImportOptionsText.removeBOM	9	0.025	0.024	
scatter>parseargs	12	0.024	0.008	
ismember>ismemberBuiltinTypes	62	0.024	0.024	
ExecutableFunction>ExecutableFunction.obj2struct	9	0.023	0.012	
unique>uniqueR2012a	31	0.022	0.022	
isoutlier>parseinput	12	0.022	0.011	
scatter>localGetAxesInfo	12	0.022	0.004	
parforOptions	5	0.021	0.002	
..._tackManager.ScribeStackManager>ScribeStackManager.findLayer	228	0.021	0.021	
validateAndEscapeCellStrings	45	0.021	0.010	
fileparts	56	0.021	0.009	
FastVarOpts>FastVarOpts.getVarOptsStruct	18	0.020	0.009	
makeUniqueStrings	27	0.020	0.007	
absolutePathForReading	4	0.020	0.006	
helpviewFactory>helpviewFactory.get_location_for_topic	1	0.020	0.000	
datafun\private\datafuniqr	2	0.020	0.007	
CategoricalRuler>CategoricalRuler.computeLabels	40	0.020	0.017	
strcat	21	0.019	0.018	
..._athworks.help.helpui.DocSetItemTopicCshRetriever (Java method)	1	0.019	0.014	
..._lbarController.ToolbarController>ToolbarController.ToolbarController	12	0.019	0.016	
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	1069	0.019	0.019	
PoolOptions>PoolOptions.build	5	0.019	0.003	
remoteparfor>remoteparfor.complete	5	0.019	0.004	
ArrayBuilder>ArrayBuilder.build	9	0.019	0.008	
ConstantLine.ConstantLine>ConstantLine.ConstantLine	4	0.019	0.015	
AbstractScatter.getColorAlphaDataExtents	28	0.019	0.014	
newplot	12	0.018	0.007	
getChildrenForRuler	32	0.018	0.018	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	12	0.017	0.001	
FastVarOpts>FastVarOpts.FastVarOpts	9	0.017	0.011	
YZProcessing10_4thround>(parfor supply)	84	0.017	0.015	
HasPropertiesAsNVPairs>HasPropertiesAsNVPairs.parseInputs	9	0.017	0.013	
getJavaFutureResult	5	0.017	0.002	
AcceptsFileType>AcceptsFileType.getFileTypeFirst	9	0.016	0.004	
mean	58	0.016	0.014	
YZProcessing08_3dround>(parfor supply)	84	0.016	0.015	

distcompByteBufferHandles2MxArray (MEX-file)	420	0.016	0.016	
parseArgs	14	0.016	0.016	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	12	0.015	0.007	
...s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	26	0.015	0.005	
...ctScatter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfo	24	0.015	0.009	
getRulersForChild	20	0.015	0.009	
DetectImportOptionsText>DetectImportOptionsText.setHexType	9	0.015	0.010	
java.util.concurrent.FutureTask (Java method)	10	0.015	0.015	
PoolOptions>PoolOptions.PoolOptions	5	0.015	0.008	
DelimitedTextInputs>DelimitedTextInputs.get.Delimiter	18	0.015	0.003	
num2cell	9	0.015	0.015	
gobjects	112	0.015	0.015	
remoteparfor>remoteparfor.awaitCompletionDisplayingOutput	5	0.014	0.008	
ArgumentParser>ArgumentParser.canonicalizeNames	18	0.014	0.010	
cell.strcat	9	0.014	0.011	
TextInputs>TextInputs.get.LineEnding	18	0.014	0.003	
ismissing	18	0.014	0.004	
mode	18	0.014	0.014	
AbstractScatter,AbstractScatter>AbstractScatter.set.MarkerHandle	12	0.014	0.002	
YZProcessing04_tdoa>(parfor supply)	84	0.014	0.011	
Scatter,Scatter>@(c,~)set(hObj,'JitterDirty','!','on')	48	0.014	0.012	
Engine>Engine.divideRangeIntoIntervals	5	0.014	0.003	
rmMissingOutliers>parseInputs	12	0.013	0.006	
repmat	117	0.013	0.011	
datafun\private\datafunigr>iqrImpl	2	0.013	0.004	
hgbehaviorfactory>localGetBehaviorInfo	24	0.013	0.013	
parseparams	12	0.013	0.008	
ConstantLine.ConstantLine>ConstantLine.getXYZDataExtents	4	0.013	0.004	
CategoricalRuler>CategoricalRuler.doChooseMajorTickValues	54	0.013	0.010	
YZProcessing12_5thround>(parfor supply)	84	0.012	0.011	
audioread>@()delete(durationListener)	4	0.012	0.002	
AbstractScatter.cacheLegendIconColors	12	0.012	0.011	
...tter.AbstractScatter>AbstractScatter.setMarkerHandleFanoutProps	12	0.012	0.010	
pctTryCreatePoolIfNecessary	5	0.012	0.003	
PluginManager>PluginManager.getPluginForRead	4	0.012	0.003	
attributes>checkAttrs	11	0.012	0.006	
fileparts>legacyPCExecution	56	0.012	0.012	
ScribeLayer,ScribeLayer>@(src,event)hObj,childAdded(src,event)	12	0.011	0.001	
..stractScatter,AbstractScatter>AbstractScatter.set.MarkerHandleNaN	12	0.011	0.002	
makeNumeric>numericDim	40	0.011	0.007	
..bstractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeColor	12	0.011	0.006	
axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)	140	0.011	0.006	
objArrayDispatch	28	0.011	0.007	
Channel>Channel.delete	4	0.010	0.007	
...stractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha	12	0.010	0.005	

ismissingKernel	18	0.010	0.006	
attributes>checkInputs	11	0.010	0.003	
YZProcessing06_2ndround>(parfor supply)	84	0.010	0.009	
distcompdeserialize (MEX-file)	420	0.010	0.010	
...ackManager.ScribeStackManager>ScribeStackManager.hasLayers	36	0.010	0.004	
...dAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations	38	0.010	0.010	
validateAndEscapeCellStrings>escape	54	0.010	0.004	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	12	0.010	0.007	
makeUniqueStrings>makeUnique	27	0.010	0.010	
...m.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)	420	0.009	0.009	
...AbstractScatter>AbstractScatter.setMarkerHandleNaNFanoutProps	12	0.009	0.009	
preprocessextents	12	0.009	0.009	
interp1q	2	0.009	0.007	
usev6plotapi	12	0.009	0.009	
Engine>divide_biharmonic	5	0.009	0.008	
DetectImportOptionsText>DetectImportOptionsText.setBinaryType	9	0.009	0.007	
PoolArrayManager>PoolArrayManager.getOrAutoCreateWithCleanup	5	0.009	0.002	
Stream>Stream.Stream	8	0.009	0.007	
ArgumentParser>ArgumentParser.extractArgs	9	0.009	0.009	
replace	63	0.009	0.006	
...tesianAxesInteractionContainer.CartesianAxesInteractionContainer	12	0.009	0.001	
InputStream>InputStream.InputStream	4	0.009	0.002	
...rtOptions.TextImportOptions>TextImportOptions.TextImportOptions	9	0.008	0.002	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	12	0.008	0.007	
..stractScatter.AbstractScatter>AbstractScatter.set.SelectionHandle_I	12	0.008	0.002	
nextstyle	12	0.008	0.008	
fullfile>refinePath	27	0.008	0.005	
Channel>Channel.open	4	0.008	0.004	
...andardAxesInteractionContainer.StandardAxesInteractionContainer	12	0.008	0.001	
...itedTextInputs>DelimitedTextInputs.set.ConsecutiveDelimitersRule	9	0.008	0.002	
audioread>@()channel.close()	4	0.008	0.001	
DetectImportOptions>DetectImportOptions.setVariableProps	9	0.007	0.004	
YZProcessing04_tdoa>(parfor consume)	84	0.007	0.007	
PoolArrayManager>iManipulatePoolArray	5	0.007	0.004	
colon_range_check	5	0.007	0.005	
rmMissingOutliersVarargin	12	0.007	0.005	
generateArgumentDescriptor	11	0.007	0.006	
@categorical\private\checkCategoryNames	16	0.007	0.006	
Builder>Builder.getBuilder	9	0.007	0.002	
unescape>unescapestring	81	0.007	0.007	
TextInputs>TextInputs.set.DataLines	18	0.007	0.003	
...iner>BaseAxesInteractionContainer.BaseAxesInteractionContainer	12	0.007	0.001	
SerializationNotifier>SerializationNotifier.createAccumulatingListener	5	0.007	0.004	
...esInput>PreserveVariableNamesInput.set.PreserveVariableNames	9	0.007	0.003	

getRealData	12	0.006	0.006	
remoteParfor>iTimeUnitSeconds	115	0.006	0.006	
ctorHelper	40	0.006	0.005	
..._AbstractScatter>AbstractScatter.setSelectionHandle_IFanoutProps	12	0.006	0.005	
Channel>Channel.close	4	0.006	0.003	
median	20	0.006	0.006	
configureAxes>classcheck	32	0.006	0.006	
PluginManager>PluginManager.errorIfUnsupportedFile	4	0.006	0.005	
markFigure	16	0.006	0.006	
categorical.parenAssign	12	0.006	0.005	
...terPool.AbstractClusterPool>AbstractClusterPool.get.NumWorkers	5	0.006	0.003	
scatter>Lxychk	12	0.006	0.004	
box	4	0.006	0.004	
CategoricalRuler>CategoricalRuler.roundNumeric	98	0.006	0.006	
FilePath>FilePath,FilePath	4	0.006	0.003	
YZProcessing06_2ndround>(parfor consume)	84	0.006	0.006	
FastVarOpts>getOptsStructWithDefaults	18	0.005	0.005	
audioread>validateDataType	4	0.005	0.001	
isCellOfCharVectors	81	0.005	0.005	
JavaException>JavaException,JavaException	1	0.005	0.003	
InteractionContainer>InteractionContainer.InteractionContainer	12	0.005	0.004	
compose	27	0.005	0.004	
CategoricalRuler>CategoricalRuler.CategoricalRuler	12	0.005	0.004	
...tImportOptionsText>DetectImportOptionsText.setTextFileProperties	9	0.005	0.003	
isInvalidInLogScale	28	0.005	0.003	
ImportOptions.ImportOptions>ImportOptions.ImportOptions	9	0.005	0.003	
TextInputs>TextInputs.get.CommentStyle	9	0.005	0.001	
EncodingInput>EncodingInput.detectEncodingFromFilename	9	0.005	0.005	
...tter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfoMode	24	0.005	0.004	
isCharOrString	172	0.005	0.005	
calculateEdgeVertexData	4	0.005	0.002	
...lusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable	15	0.005	0.005	
cellstr	47	0.005	0.005	
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	24	0.005	0.005	
istable	933	0.005	0.005	
YZProcessing08_3rdround>(parfor consume)	84	0.004	0.004	
EncodingInput>EncodingInput.set.Encoding	18	0.004	0.004	
CellBuilder>CellBuilder,CellBuilder	9	0.004	0.003	
YZProcessing10_4thround>(parfor consume)	84	0.004	0.004	
OutputStream>OutputStream.OutputStream	4	0.004	0.001	
...stractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha	52	0.004	0.004	
remoteParfor>remoteParfor.delete	5	0.004	0.002	
...tOptions.ImportOptions>ImportOptions.get.SelectedVariableNames	9	0.004	0.002	
DetectImportOptionsText>checkWrongParamsWrongType	9	0.004	0.002	
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	26	0.004	0.004	

isStringScalar	140	0.004	0.004	
dctSchedulerMessage	15	0.004	0.003	
TextInputs>TextInputs.get.Whitespace	9	0.004	0.001	
CategoricalRuler>CategoricalRuler.makeNumeric	12	0.004	0.003	
YZProcessing12_5thround>(parfor consume)	84	0.004	0.004	
Scatter.Scatter>Scatter.set.MarkerFaceColor	12	0.004	0.003	
remoteparfor>remoteparfor.allIntervalsAdded	5	0.004	0.003	
PointerMixin>PointerMixin.setPointerStrategy	12	0.004	0.002	
validateAndEscapeStrings	9	0.004	0.002	
detectTypes>getDominantType	9	0.004	0.003	
TextInteractions>TextInteractions.createAndRegisterTextControl	30	0.004	0.002	
Scatter.getCleanData	12	0.004	0.004	
HasPropertiesAsNVPairs>getParserByClass	9	0.004	0.004	
Scatter.Scatter>Scatter.set.MarkerFaceAlpha	12	0.004	0.003	
...).A,'scalartext',fname,'expectedScalartext',msgId,argname,argpos)	11	0.004	0.001	
validatestring>checkInputs	42	0.004	0.004	
AbstractScatter.AbstractScatter>AbstractScatter.get.XJitter	24	0.004	0.003	
PostUpdatePlugin>isAxesToolBarExcluded	12	0.004	0.004	
hggetbehavior>localPeek	24	0.004	0.004	
validateNVPairs	9	0.004	0.003	
updateSelectionHandle	12	0.004	0.004	
validateLineIntervals	18	0.004	0.004	
FastVarOpts>FastVarOpts.fixSelection	18	0.004	0.004	
FunctionStore>FunctionStore.getFunctionByName	9	0.004	0.001	
... Scatter.AbstractScatter>AbstractScatter.set.MarkerEdgeColorMode	12	0.004	0.003	
ReadCell>ReadCell.getExtensions	9	0.004	0.001	
newplot>ObserveAxesNextPlot	12	0.004	0.004	
... catter.AbstractScatter>AbstractScatter.set.MarkerEdgeAlphaMode	12	0.004	0.003	
partialMatchString	84	0.004	0.004	
Channel>Channel.postInit	4	0.004	0.004	
fullfile>ensureTrailingFilesep	27	0.004	0.001	
Channel>Channel.lock	4	0.004	0.002	
AbstractScatter.AbstractScatter>AbstractScatter.get.YJitter	24	0.004	0.003	
FilePath>FilePath.get.Exists	12	0.003	0.003	
ArgumentParser>ArgumentParser.checkAlias	18	0.003	0.003	
AbstractScatter.AbstractScatter>AbstractScatter.get.ZJitter	24	0.003	0.003	
com.mathworks.hg.util.DeferToldleState.execute (Java method)	12	0.003	0.003	
assertUnsupportedParamsForFileType	18	0.003	0.003	
...amesInput>PreserveVariableNamesInput.set.VariableNamingRule	9	0.003	0.002	
ismissingKernel>arraySwitch	18	0.003	0.003	
DetectImportOptionsText>DetectImportOptionsText.setFileProps	9	0.003	0.003	
audioread>validateRange	4	0.003	0.002	
attributes>checkClass	11	0.003	0.003	
isCharVector	112	0.003	0.003	
FilePath>FilePath.get.Readable	4	0.003	0.002	

DetectImportOptions>getSuppliedProperties	18	0.003	0.003	
graph2d\private\labelcheck	12	0.003	0.003	
AbstractScatter,AbstractScatter>AbstractScatter.get,Jitter	12	0.003	0.002	
FilePath>FilePath.get,Absolute	4	0.003	0.002	
DetectImportOptions>DetectImportOptions.set,NumHeaderLines	9	0.003	0.002	
convertStringToCharArgs	24	0.003	0.003	
remoteparfor>remoteparfor.getDispatchSizes	5	0.003	0.002	
istimetable	936	0.003	0.003	
SerializationNotifier>SerializationNotifier.createSerializationListener	5	0.003	0.002	
ArrayBuilder>ArrayBuilder.shapedata	9	0.003	0.003	
...taFromDetection>TableMetaDataFromDetection.setMetaLocations	9	0.003	0.003	
TextInputs>TextInputs.set.VariableNamesLine	9	0.003	0.002	
validateFileName>localUnique	18	0.003	0.003	
sliced_fcnhdl_check	14	0.003	0.003	
Scatter,Scatter>@(obj,evd)(hObj,sendDataChangedEvent)	48	0.003	0.003	
ImportOptions.ImportOptions>ImportOptions.useGeneratedNames	18	0.003	0.003	
datachk	24	0.003	0.003	
AcceptsFileType>AcceptsFileType.getExtensions	9	0.003	0.001	
.bstractScatter,AbstractScatter>AbstractScatter.get,MarkerEdgeColor	24	0.003	0.002	
CategoricalRuler>CategoricalRuler.doStretchLimits	26	0.003	0.003	
Channel>Channel.preOpen	4	0.003	0.003	
attributes>valueAttributor	11	0.003	0.002	
remoteparfor>remoteparfor.drainIntervals	5	0.003	0.002	
fullfile>fixIRI	18	0.003	0.003	
readcell>@()func.WorkSheet.clear()	9	0.003	0.002	
FunctionStore>accessMap	9	0.003	0.003	
getDocAnchorForErrorID	1	0.003	0.002	
Channel>Channel.postClose	4	0.002	0.002	
categorical.parenReference	4	0.002	0.002	
FigureUtils>FigureUtils.isEditorSnapshotFigure	26	0.002	0.002	
makeUniqueStrings>validateExclStrOrElemToChk	27	0.002	0.002	
...lusterPool,AbstractClusterPool>AbstractClusterPool.get,Connected	10	0.002	0.001	
mean>mysize	58	0.002	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	24	0.002	0.002	
interp1q>linformula	2	0.002	0.002	
fullfile>addTrailingFileSep	27	0.002	0.002	
...ns>DetectImportOptionsFileExtensions.getFileTypeFromExtension	9	0.002	0.002	
Stream>Stream.isSupported	8	0.002	0.002	
istabular	68	0.002	0.002	
RemoteToLocal>RemoteToLocal.RemoteToLocal	4	0.002	0.002	
FilePath>FilePath.set,Extension	4	0.002	0.002	
strfun\private\isTextStrict	90	0.002	0.002	
isCharString	70	0.002	0.002	
attributes>findSupportedAttr	11	0.002	0.002	
ImportOptions.ImportOptions>ImportOptions.setUnboundedSelection	9	0.002	0.002	

ReadCellText>checkWrongParamsWrongType	9	0.002	0.001	
...descriptorBehavior>DataDescriptorBehavior.DataDescriptorBehavior	12	0.002	0.002	
DelimitedTextInputs>DelimitedTextInputs.set.TrailingDelimitersRule	9	0.002	0.001	
TextInteractions>TextInteractions.getCanvas	30	0.002	0.002	
AbstractScatter.AbstractScatter>AbstractScatter.get.JitterDirty_I	48	0.002	0.002	
ExternalException>ExternalException.ExternalException	1	0.002	0.002	
Stream>Stream.addFilter	4	0.002	0.002	
ArrayBuilder>ArrayBuilder.ArrayBuilder	9	0.002	0.001	
PrintBehavior>PrintBehavior.PrintBehavior	12	0.002	0.001	
TextDataReader>TextDataReader.initRowNames	9	0.002	0.002	
parseCData	12	0.002	0.002	
Channel>Channel.isOpen	12	0.002	0.002	
usejava	24	0.002	0.002	
ExecutableFunction>ExecutableFunction.get.NumRequired	18	0.002	0.001	
...deStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	12	0.002	0.001	
isInvalidInLogScale>basicImpl	28	0.002	0.002	
remoteparfor>iErrorCheckPool	5	0.002	0.001	
RemoteToLocal>RemoteToLocal.delete	4	0.002	0.001	
...eStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	12	0.002	0.001	
newplot>ObserveFigureNextPlot	12	0.002	0.002	
strfun\private\convertStringToOriginalTextType	63	0.002	0.002	
repmat>checkSizesType	225	0.002	0.002	
parallel\private\dctSchedulerMessageHandler	15	0.002	0.002	
Channel>Channel.updateAndFetchLockCount	8	0.002	0.002	
parallel_function>results	5	0.002	0.002	
ChildEventData>ChildEventData.ChildEventData	12	0.002	0.002	
Builder>Builder.removeOmittedRowsAndVars	18	0.002	0.002	
scatter>Lcchk	12	0.002	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.Clipping_I	36	0.002	0.002	
checkInputName	2	0.002	0.002	
ImportOptions.ImportOptions>ImportOptions.get.selectedIDs	9	0.002	0.001	
incrementParallelFunctionDepth	10	0.002	0.002	
DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup	10	0.002	0.002	
parallel_function>PCTInstalled	5	0.002	0.001	
PrintBehavior>PrintBehavior.dosupport	12	0.002	0.002	
serializationProfiling	5	0.002	0.002	
Scatter.Scatter>Scatter.get.MarkerFaceAlpha	52	0.002	0.002	
AbstractScatter.AbstractScatter>AbstractScatter.get.BrushHandles	12	0.002	0.001	
Stream>Stream.delete	8	0.002	0.002	
InteractionContainer>InteractionContainer.get.Enabled	26	0.001	0.001	
isPublishingTest	50	0.001	0.001	
FastVarOpts>FastVarOpts.numVars	36	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	72	0.001	0.001	
...bleNamesInput>PreserveVariableNamesInput.validateNamingRule	9	0.001	0.001	

deal	12	0.001	0.001	
ToolbarFactory>ToolbarFactory.getInstance	12	0.001	0.001	
categorical.double	12	0.001	0.001	
categorical.categorical>categorical.castCodes	26	0.001	0.001	
audioread>validateRangeWithTotalSamples	4	0.001	0.001	
FileExtensions>FileExtensions.getExtensionsFromType	9	0.001	0.001	
...actScatter,AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha_<u>l</u>	64	0.001	0.001	
TextInputs>TextInputs.TextInputs	9	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.CData_<u>l</u>	36	0.001	0.001	
Channel>Channel.preTerm	4	0.001	0.001	
DetectImportOptionsText>DetectImportOptionsText.setVarNames	9	0.001	0.001	
Engine>Engine.Engine	5	0.001	0.001	
assertNoTableInputs	9	0.001	0.001	
categorical.categorical>isNVpair	18	0.001	0.001	
...ractScatter,AbstractScatter>AbstractScatter.get.MarkerEdgeColor_<u>l</u>	36	0.001	0.001	
PostUpdatePlugin>localGetCanvasContainingAncestor	12	0.001	0.001	
validateLogical	28	0.001	0.001	
DataDescriptorBehavior>DataDescriptorBehavior.dosupport	12	0.001	0.001	
PluginManager>PluginManager.getInstance	12	0.001	0.001	
rmMissingOutliers>reduceSize	12	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.CDataMode	40	0.001	0.001	
ScribeLayer,ScribeLayer>ScribeLayer.checkValidity	12	0.001	0.001	
FastVarOpts>FastVarOpts.get.Types	36	0.001	0.001	
...ctScatter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfo	24	0.001	0.001	
+file\private\mexAudioPluginManager (MEX-file)	4	0.001	0.001	
getHelpviewFactory	1	0.001	0.000	
AbstractScatter,AbstractScatter>AbstractScatter.get.SelectionHandle	60	0.001	0.001	
pwd	38	0.001	0.001	
checkpvpairs	12	0.001	0.001	
blanks	21	0.001	0.001	
...Scatter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfo_<u>l</u>	48	0.001	0.001	
MessageHandler>MessageHandler.MessageHandler	4	0.001	0.001	
getJavaFutureInterruptibly>@()future.cancel(true)	5	0.001	0.001	
remoteParfor>remoteParfor.rangeDivided	5	0.001	0.001	
rmMissingOutliers>computeIndex	12	0.001	0.001	
categorical.isEmpty	44	0.001	0.001	
CanvasPlugin,CanvasPlugin>CanvasPlugin.getInstance	12	0.001	0.001	
...b.graphics.illustration.ColorBar') isa(obj,'matlab.ui.control.UIAxes')	236	0.001	0.001	
categorical.numel	12	0.001	0.001	
fullfile>@(x)~iscell(x)&&isempty(x)	18	0.001	0.001	
DetectImportOptionsText>checkDelimitedFixedWidthWrongParams	9	0.001	0.001	
colon_range_check>integer_range_overflow_check	5	0.001	0.001	
ScribeLayer,ScribeLayer>ScribeLayer.findCanvas	12	0.001	0.001	
SerializationNotifier>SerializationNotifier.getInstance	5	0.001	0.001	
Scatter,Scatter>Scatter.get.MarkerFaceColor	24	0.001	0.001	

TextInputs>TextInputs.setUnescapedWhitespace	9	0.001	0.001	
xyzline>parseLineStyle	4	0.001	0.001	
...(x,'string')&&isscalar(x)&&~ismissing(x)) (ischar(x)&&size(x,1)<=1)	11	0.001	0.001	
mustBeValidGraphicsObject	12	0.001	0.001	
...ckManager.ScribeStackManager>ScribeStackManager.getInstance	12	0.001	0.001	
InputStream>InputStream.readPartialPacket	4	0.001	0.001	
remoteParfor>remoteParfor,maxBacklog	5	0.001	0.001	
HGBehavior>HGBehavior.HGBehavior	24	0.001	0.001	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	26	0.001	0.001	
Engine>Engine.numIntervalsFactor	5	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.LineWidth_l	24	0.001	0.001	
validateNVPairs>isEmptyScalarText	9	0.001	0.001	
ArgumentParser>matchPartial	18	0.001	0.001	
remoteParfor>remoteParfor.initialDispatchFactor	5	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.XJitter_l	24	0.001	0.001	
PluginManager>PluginManager.errorIfFile	12	0.001	0.001	
PluginManager>PluginManager.handlePluginError	4	0.001	0.001	
FastVarOpts>FastVarOpts.setVarOpts	36	0.001	0.001	
UsesWorksheet>UsesWorksheet.clear	9	0.001	0.001	
helpviewMLFactory>helpviewMLFactory,helpviewMLFactory	1	0.001	0.000	
...ClusterPool,AbstractClusterPool>AbstractClusterPool.hGetSession	10	0.001	0.001	
...el_function>@()matlab.internal.incrementParallelFunctionDepth(-1)	5	0.001	0.001	
PoolOptions>isValidMaxNumWorkers	5	0.001	0.001	
CategoricalRuler>categoriesInRealOrder	12	0.001	0.001	
mustBeNonnegative	9	0.001	0.001	
...ntLine,ConstantLine>mustBeFiniteNumericDateTimeOrCategorical	4	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.Jitter_l	12	0.001	0.001	
Scatter,Scatter>Scatter.set.MarkerFaceColorMode	12	0.001	0.001	
...tter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfoMode	24	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.set.MarkerOrder	12	0.001	0.001	
isScalarText	12	0.001	0.001	
Scatter,Scatter>Scatter.set.MarkerFaceAlphaMode	12	0.001	0.001	
categorical.categories	40	0.001	0.001	
Scatter.mapSize	12	0.001	0.001	
InputStream>InputStream.clearPartialPacket	4	0.001	0.001	
Channel>Channel.unlock	4	0.001	0.001	
...esInput>PreserveVariableNamesInput.get.PreserveVariableNames	9	0.001	0.001	
AcceptsReadableFilename>AcceptsReadableFilename.get.Filename	45	0.001	0.001	
...Scatter,AbstractScatter>AbstractScatter.set.CurrentIconColorInfo_l	12	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.YJitter_l	24	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.ZJitter_l	24	0.001	0.001	
TextDataReader>updateDataLines	9	0.001	0.001	
DetectImportOptions>validateScalarInt	9	0.001	0.001	
isPCTInstalled	5	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.set.CData_l	12	0.001	0.001	

...ractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeColor_I	12	0.001	0.001	
Scatter,Scatter>Scatter.get.SizeData	12	0.001	0.001	
...actScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha_I	12	0.001	0.001	
categorical.length	24	0.001	0.001	
TextInputs>validateLineNumber	9	0.001	0.001	
endpoint_check	10	0.001	0.001	
RemoteToLocal>RemoteToLocal.deleteIfLocalCopy	4	0.001	0.001	
...catter,AbstractScatter>AbstractScatter.get.MarkerEdgeAlphaMode	12	0.001	0.001	
...catter,AbstractScatter>AbstractScatter.get.MarkerEdgeColorMode	12	0.001	0.001	
Options>Options.Options	5	0.001	0.001	
DelimitedTextInputs>DelimitedTextInputs.get.UnescapedDelimiter	9	0.001	0.001	
range_step_check	5	0.001	0.001	
categorical.categorical>categorical.isordinal	20	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.delete	10	0.001	0.001	
hasDisplay	24	0.001	0.001	
isFigureShowEnabled	24	0.001	0.001	
TextInputs>TextInputs.get.UnescapedWhitespace	9	0.001	0.001	
xyzline>validateData	4	0.001	0.001	
IconColorInfoCache>IconColorInfoCache.IconColorInfoCache	24	0.001	0.001	
remoteparfor>remoteparfor.getNumWorkers	5	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.BrushHandles_I	12	0.001	0.001	
parenReference_1D	4	0.001	0.001	
generateArgumentDescriptor>isCharOrString	33	0.001	0.001	
Engine>iClamp	30	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.disarm	10	0.001	0.001	
mustBeNumericOrLogical	9	0.001	0.001	
missing>missing,missing	11	0.000	0.000	
...sNVPairs>HasPropertiesAsNVPairs.assertNoAdditionalParameters	9	0.000	0.000	
DataReader>DataReader.DataReader	9	0.000	0.000	
Builder>Builder.Builder	9	0.000	0.000	
...tiesAsNVPairs>HasPropertiesAsNVPairs.HasPropertiesAsNVPairs	9	0.000	0.000	
remoteparfor>iClamp	5	0.000	0.000	
PointerMixin>PointerMixin.PointerMixin	12	0.000	0.000	
CategoricalRuler>CategoricalRuler.allowTickLabelThinning	40	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy,AbstractModeStrategy	12	0.000	0.000	
...sInput>PreserveVariableNamesInput.PreserveVariableNamesInput	9	0.000	0.000	
...nNotifier>SerializationNotifier.createAccumulatingListener/nGetList	5	0.000	0.000	
PointerModeStrategy>PointerModeStrategy,PointerModeStrategy	12	0.000	0.000	
...rrorRulesInputs>MissingErrorRulesInputs.MissingErrorRulesInputs	9	0.000	0.000	
DelimitedTextInputs>DelimitedTextInputs.DelimitedTextInputs	9	0.000	0.000	
EncodingInput>EncodingInput,EncodingInput	9	0.000	0.000	
Saveable>Saveable,Saveable	9	0.000	0.000	
isdatetime	12	0.000	0.000	
ReadCell>ReadCell.usingRequired	27	0.000	0.000	
supportedTypeNames	18	0.000	0.000	

run>@()\()	11	0.000	0.000	
isduration	12	0.000	0.000	
helpviewFactory>helpviewFactory,helpviewFactory	1	0.000	0.000	
isSearchAvailable	1	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.