Profile Summary (Total time: 118.849 s)

Generated 18-Jul-2023 00:42:50 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
main	1	118.680	0.002	
run	7	118.678	0.133	
parallel_function	4	114.478	0.033	
parallel_function>distributed_execution	4	114.287	0.051	
remoteparfor>remoteparfor.getCompleteIntervals	76	113.875	0.246	
java.util.concurrent.LinkedBlockingQueue (Java method)	375	112.287	112.287	
YZProcessing08_3rdround	1	63.555	0.190	
YZProcessing04_tdoa	1	29.436	0.158	
YZProcessing06_2ndround	1	20.173	0.168	
Statistics_accuracy_calculation	1	3.445	0.432	
YZProcessing05_statistics_remoutlier	1	1.364	0.314	
remoteparfor>iDisplayStringArray	126	1.171	0.026	
remoteparfor>remoteparfor.displayOutput	371	1.168	0.071	
remoteparfor>@(msg)fprintf(1,'%s',char(msg))	48	1.145	1.145	
readcell	5	0.925	0.010	
ExecutableFunction>ExecutableFunction.validateAndExecute	5	0.910	0.007	
ReadCell>ReadCell.execute	5	0.707	0.015	
scatter	8	0.428	0.047	
ReadCellWithImportOptions>ReadCellWithImportOptions.execute	5	0.399	0.006	
DetectImportOptions>DetectImportOptions.execute	5	0.289	0.010	
ReadCellText>ReadCellText.execute	5	0.274	0.007	
DetectImportOptionsText>DetectImportOptionsText.execute	5	0.271	0.005	
YZProcessing09_3rdroundstatistics	1	0.270	0.151	
YZProcessing07_2ndroundstatistics	1	0.268	0.148	
ylabel	8	0.259	0.158	
DetectImportOptionsText>DetectImportOptionsText.getTextOpts	5	0.258	0.005	
hold	8	0.244	0.054	
…mportOptionsText>DetectImportOptionsText.getOptsFromDetection	5	0.228	0.056	
ReadCell>ReadCell.validate	5	0.191	0.004	
DetectImportOptions>DetectImportOptions.validate	5	0.186	0.007	
TextDataReader>TextDataReader.read	5	0.184	0.016	
audioread	2	0.183	0.005	
configureAxes	12	0.181	0.011	
audioread>readaudio	2	0.174	0.022	
yline	4	0.170	0.002	
xyzline	4	0.169	0.046	
CellBuilder>CellBuilder.build	5	0.160	0.008	
remoteparfor>remoteparfor.addInterval	288	0.157	0.049	
categorical.categorical>categorical.categorical	11	0.153	0.052	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	8	0.153	0.012	
remoteparfor>remoteparfor.deserialize	288	0.147	0.039	
configureRuler	24	0.128	0.024	
ExecutableFunction>ExecutableFunction.validate	5	0.120	0.003	
ExecutableFunction>ExecutableFunction.validateArguments	5	0.117	0.016	
remoteparfor>remoteparfor.complete	4	0.110	0.004	
deserialize	288	0.107	0.071	

CanvasSetup>CanvasSetup.createScribeLayers	8	0.106	0.005	
remoteparfor>remoteparfor.awaitCompletionDisplayingOutput	4	0.106	0.005	
…tackManager.ScribeStackManager>ScribeStackManager.getLayer	32	0.104	0.009	
ismember	34	0.103	0.023	
rmoutliers	8	0.103	0.004	
parallel_function>@(initData,F)createEngine(M,initData,F)	4	0.101	0.001	
PoolOptions>PoolOptions.createEngine	4	0.100	0.003	
rmMissingOutliers	8	0.099	0.007	
AbstractScatter.doUpdate	8	0.097	0.065	
CellBuilder>CellBuilder.convertcells	5	0.097	0.012	
remoteparfor>remoteparfor.remoteparfor	4	0.096	0.009	
ImportOptions.ImportOptions>ImportOptions.setvartype	5	0.095	0.006	
…ckManager.ScribeStackManager>ScribeStackManager.createLayer	24	0.090	0.024	
FastVarOpts>FastVarOpts.setTypes	15	0.087	0.015	
remoteparfor>remoteparfor.serialize	292	0.086	0.008	
Scatter.Scatter>Scatter.Scatter	8	0.084	0.002	
TextDataReader>TextDataReader.TextDataReader	5	0.082	0.009	
remoteparfor>remoteparfor.buildParforController	4	0.082	0.022	
str2double	2125	0.081	0.081	
ismember>ismemberR2012a	34	0.080	0.019	
serialize	292	0.078	0.015	
rmMissingOutliers>applyFun	8	0.074	0.003	
AbstractScatter.AbstractScatter>AbstractScatter.AbstractScatter	8	0.073	0.023	
isoutlier	8	0.071	0.011	
AcceptsReadableFilename>AcceptsReadableFilename.set.Filename	5	0.071	0.004	
…tsReadableFilename>AcceptsReadableFilename.validateFilename	5	0.067	0.005	
TextDataReader>TextDataReader.initTextParser	5	0.065	0.009	
InputStream>InputStream.read	2	0.064	0.018	
CategoricalRuler>CategoricalRuler.convertNumericLimits	4	0.058	0.001	
CategoricalRuler>CategoricalRuler.makeNonNumericLimits	4	0.057	0.003	
cell.ismember	19	0.055	0.020	
CategoricalRuler>CategoricalRuler.addData	12	0.055	0.004	
cell.unique	60	0.055	0.024	
validatestring	24	0.055	0.009	
CategoricalRuler>CategoricalRuler.makeNonNumeric	4	0.054	0.003	
CategoricalRuler>CategoricalRuler.mergeDataCategories	12	0.051	0.009	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	24	0.051	0.020	
…,toolbox,distcomp,pmode,parfor,ParforControllerImpl (Java method)	438	0.051	0.051	
validateFileName	5	0.049	0.009	
unique	19	0.046	0.021	
InputStream>InputStream.readPackets	6	0.045	0.045	
hggetbehavior	16	0.045	0.003	
ismember>ismemberClassTypes	6	0.044	0.016	
hggetbehavior>localGet	16	0.042	0.012	
validatestring>checkString	24	0.042	0.012	
configureAxes>checkChildren	12	0.041	0.006	
AcceptsFileType>AcceptsFileType.set.FileType	5	0.041	0.004	
fullfile	15	0.040	0.015	
AbstractScatter.getXYZDataExtents	8	0.040	0.013	
DelimitedTextImportOptions>DelimitedTextImportOptions.getParser	5	0.040	0.014	

categorical.removecats	8	0.039	0.008	
distcompserialize64 (MEX-file)	292	0.039	0.039	
datafun\private\locateoutliers	8	0.038	0.015	
detectTypes	5	0.035	0.016	
Scatter.Scatter>Scatter.doSetup	16	0.033	0.021	
…xesInteractions>UnifiedAxesInteractions.createDefaultInteractions	18	0.032	0.013	
setxor	2	0.032	0.003	
Channel>Channel.Channel	2	0.031	0.015	
ConstantLine.ConstantLine>ConstantLine.doUpdate	4	0.031	0.021	
getJavaFutureInterruptibly	4	0.030	0.013	
attributes	7	0.029	0.005	
cell.setdiff	5	0.029	0.003	
makeNumeric	16	0.029	0.007	
setxor>setxorR2012a	2	0.029	0.008	
configureAxes>checkDim	24	0.029	0.013	
cell.unique>celluniqueR2012a	60	0.028	0.028	
…rtOptions>DelimitedTextImportOptions.DelimitedTextImportOptions	5	0.028	0.005	
ToolbarFactory>ToolbarFactory.getToolbar	8	0.027	0.002	
unescape	30	0.027	0.015	
ImportOptions.ImportOptions>ImportOptions.get.VariableNames	10	0.027	0.002	
parallel_function>distributed_execution/consume_reduce	288	0.027	0.010	
FastVarOpts>FastVarOpts.get.Names	15	0.027	0.004	
cell.setdiff>cellsetdiffR2012a	5	0.026	0.008	
…er.DesktopToolbarController>DesktopToolbarController.getInstance	8	0.026	0.002	
DelimitedTextInputs>DelimitedTextInputs.set.Delimiter	10	0.026	0.005	
unique>uniqueR2012a	19	0.026	0.026	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	16	0.026	0.005	
parseplotapi	8	0.025	0.005	
hgbehaviorfactory	16	0.025	0.002	
DetectImportOptionsText>DetectImportOptionsText.removeBOM	5	0.025	0.024	
…lbarController>DesktopToolbarController.DesktopToolbarController	8	0.024	0.004	
distcompMakeByteBufferHandles (MEX-file)	292	0.024	0.024	
hgbehaviorfactory>localCreate	16	0.023	0.009	
axescheck	20	0.023	0.013	
isoutlier>parseinput	8	0.022	0.011	
FastVarOpts>FastVarOpts.getVarOptsStruct	10	0.022	0.012	
parforOptions	4	0.021	0.002	
…mode.parfor.ParforControllerImpl$IntervalResultImpl (Java method)	864	0.021	0.021	
scatter>parseargs	8	0.021	0.007	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	16	0.020	0.018	
arraytolimits	12	0.020	0.004	
fileparts	33	0.020	0.009	
distcompdeserialize (MEX-file)	288	0.020	0.020	
ismember>ismemberBuiltinTypes	34	0.020	0.020	
validateAndEscapeCellStrings	25	0.019	0.009	
ConstantLine.ConstantLine>ConstantLine.ConstantLine	4	0.019	0.015	
ExecutableFunction>ExecutableFunction.obj2struct	5	0.019	0.009	
PoolOptions>PoolOptions.build	4	0.019	0.003	
scatter>localGetAxesInfo	8	0.019	0.003	
strcat	14	0.018	0.017	
makeUniqueStrings	15	0.018	0.007	

ArrayBuilder>ArrayBuilder.build	5	0.018	0.008	
YZProcessing08_3rdround>(parfor supply)	72	0.018	0.016	
mean	149	0.017	0.015	
absolutePathForReading	2	0.017	0.005	
arraytolimits>localGetLimits	36	0.017	0.017	
Statistics_accuracy_calculation>(parfor supply)	72	0.016	0.014	
…tackManager.ScribeStackManager>ScribeStackManager.findLayer	152	0.016	0.016	
rmMissingOutliers>parseInputs	8	0.016	0.008	
newplot	8	0.016	0.006	
YZProcessing04_tdoa>(parfor supply)	72	0.016	0.013	
AcceptsFileType>AcceptsFileType.getFileTypeFirst	5	0.015	0.004	
FastVarOpts>FastVarOpts.FastVarOpts	5	0.015	0.010	
getChildrenForRuler	24	0.015	0.015	
CategoricalRuler>CategoricalRuler.computeLabels	28	0.015	0.013	
…lbarController.ToolbarController>ToolbarController.ToolbarController	8	0.015	0.012	
PoolOptions>PoolOptions.PoolOptions	4	0.014	0.008	
AbstractScatter.getColorAlphaDataExtents	20	0.014	0.010	
cell.strcat	5	0.014	0.011	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	8	0.014	0.001	
Engine>Engine.divideRangeIntoIntervals	4	0.014	0.003	
…works.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	126	0.014	0.014	
HasPropertiesAsNVPairs>HasPropertiesAsNVPairs.parseInputs	5	0.013	0.010	
DelimitedTextInputs>DelimitedTextInputs.get.Delimiter	10	0.013	0.003	
mode	10	0.013	0.013	
DetectImportOptionsText>DetectImportOptionsText.setHexType	5	0.013	0.009	
CategoricalRuler>CategoricalRuler.doChooseMajorTickValues	38	0.013	0.010	
getJavaFutureResult	4	0.013	0.002	
ArgumentParser>ArgumentParser.canonicalizeNames	10	0.013	0.009	
datafun\private\datafuniqr	2	0.013	0.003	
getRulersForChild	16	0.013	0.008	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	8	0.012	0.006	
ismissing	12	0.012	0.003	
TextInputs>TextInputs.get.LineEnding	10	0.012	0.002	
categorical.reordercats	1	0.012	0.007	
parseArgs	11	0.012	0.012	
…ctScatter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfo	16	0.012	0.007	
…s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	18	0.012	0.004	
gobjects	82	0.012	0.012	
attributes>checkAttrs	7	0.012	0.006	
ConstantLine.ConstantLine>ConstantLine.getXYZDataExtents	4	0.012	0.003	
pctTryCreatePoolIfNecessary	4	0.012	0.003	
hgbehaviorfactory>localGetBehaviorInfo	16	0.011	0.011	
parseparams	8	0.011	0.007	
fileparts>legacyPCExecution	33	0.011	0.011	
java.util.concurrent.FutureTask (Java method)	8	0.011	0.011	
YZProcessing06_2ndround>(parfor supply)	72	0.011	0.010	
AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerHandle	8	0.011	0.002	
repmat	59	0.011	0.009	
attributes>checkInputs	7	0.010	0.003	
@categorical\private\checkCategoryNames	13	0.010	0.010	
distcompByteBufferHandles2MxArray (MEX-file)	288	0.010	0.010	

audioread>@()delete(durationListener)	2	0.010	0.001	
axescheck>@(x)(isStringScalar(x)|ischar(x))&&strcmpi('parent',x)	96	0.010	0.006	
makeNumeric>numericDim	32	0.010	0.006	
AbstractScatter.cacheLegendIconColors	8	0.010	0.008	
std	108	0.009	0.002	
datafun\private\datafuniqr>iqrImpl	2	0.009	0.003	
SerializationNotifier>SerializationNotifier.createAccumulatingListener	4	0.009	0.005	
Scatter.Scatter>@(~,~)set(hObj,'JitterDirty_I','on')	32	0.009	0.008	
ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	8	0.009	0.001	
Engine>divide_biharmonic	4	0.009	0.008	
ismissingKernel	12	0.009	0.006	
…tter.AbstractScatter>AbstractScatter.setMarkerHandleFanoutProps	8	0.009	0.008	
PoolArrayManager>PoolArrayManager.getOrAutoCreateWithCleanup	4	0.009	0.002	
makeUniqueStrings>makeUnique	15	0.009	0.009	
..bstractScatter.AbstractScatter>AbstractScatter.set.MarkerEdgeColor	8	0.009	0.004	
objArrayDispatch	18	0.009	0.005	
Channel>Channel.delete	2	0.008	0.005	
validateAndEscapeCellStrings>escape	30	0.008	0.003	
…rtOptions.TextImportOptions>TextImportOptions.TextImportOptions	5	0.008	0.002	
..stractScatter.AbstractScatter>AbstractScatter.set.MarkerHandleNaN	8	0.008	0.002	
…stractScatter.AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha	8	0.008	0.004	
ArgumentParser>ArgumentParser.extractArgs	5	0.008	0.008	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	8	0.008	0.006	
replace	35	0.008	0.005	
median	12	0.008	0.008	
…ackManager.ScribeStackManager>ScribeStackManager.hasLayers	24	0.008	0.003	
rmMissingOutliersVarargin	8	0.008	0.006	
DetectImportOptionsText>DetectImportOptionsText.setBinaryType	5	0.008	0.007	
…dAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations	26	0.008	0.008	
…tesianAxesInteractionContainer.CartesianAxesInteractionContainer	8	0.008	0.001	
Stream>Stream.Stream	4	0.007	0.006	
InputStream>InputStream.InputStream	2	0.007	0.002	
PoolArrayManager>iManipulatePoolArray	4	0.007	0.004	
var	108	0.007	0.006	
generateArgumentDescriptor	7	0.007	0.006	
colon_range_check	4	0.007	0.005	
…itedTextInputs>DelimitedTextInputs.set.ConsecutiveDelimitersRule	5	0.007	0.001	
fullfile>refinePath	15	0.007	0.005	
PluginManager>PluginManager.getPluginForRead	2	0.007	0.002	
…AbstractScatter>AbstractScatter.setMarkerHandleNaNFanoutProps	8	0.007	0.006	
interp1q	2	0.007	0.005	
nextstyle	8	0.007	0.007	
DetectImportOptions>DetectImportOptions.setVariableProps	5	0.007	0.004	
…andardAxesInteractionContainer.StandardAxesInteractionContainer	8	0.007	0.001	
..stractScatter.AbstractScatter>AbstractScatter.set.SelectionHandle_I	8	0.006	0.002	
Builder>Builder.getBuilder	5	0.006	0.002	
…m.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)	288	0.006	0.006	
audioread>@()channel.close()	2	0.006	0.001	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	8	0.006	0.006	
usev6plotapi	8	0.006	0.006	
Channel>Channel.open	2	0.006	0.003	

configureAxes>classcheck	24	0.006	0.006	
getRealData	8	0.006	0.006	
TextInputs>TextInputs.set.DataLines	10	0.006	0.002	
ctorHelper	28	0.006	0.005	
sliced_fcnhdl_check	11	0.006	0.006	
CategoricalRuler>CategoricalRuler.roundNumeric	70	0.006	0.006	
…iner>BaseAxesInteractionContainer.BaseAxesInteractionContainer	8	0.006	0.001	
…terPool.AbstractClusterPool>AbstractClusterPool.get,NumWorkers	4	0.006	0.003	
scatter>Lxychk	8	0.005	0.004	
categorical.parenAssign	8	0.005	0.005	
unescape>unescapestring	45	0.005	0.005	
Statistics_accuracy_calculation>(parfor consume)	72	0.005	0.005	
Channel>Channel.close	2	0.005	0.003	
isCellOfCharVectors	45	0.005	0.005	
FastVarOpts>getOptsStructWithDefaults	13	0.005	0.005	
…esInput>PreserveVariableNamesInput.set.PreserveVariableNames	5	0.005	0.002	
FilePath>FilePath.FilePath	2	0.005	0.003	
remoteparfor>iTimeUnitSeconds	80	0.005	0.005	
markFigure	10	0.005	0.005	
box	2	0.005	0.004	
audioread>validateDataType	2	0.005	0.001	
istable	653	0.005	0.005	
ImportOptions.ImportOptions>ImportOptions.ImportOptions	5	0.005	0.003	
DetectImportOptionsText>checkWrongParamsWrongType	5	0.005	0.001	
calculateEdgeVertexData	4	0.005	0.002	
…AbstractScatter>AbstractScatter.setSelectionHandle_IFanoutProps	8	0.005	0.004	
TextInputs>TextInputs.get.CommentStyle	5	0.005	0.001	
cellstr	31	0.005	0.005	
isInvalidInLogScale	20	0.005	0.003	
…lusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable	12	0.005	0.004	
isCharOrString	114	0.004	0.004	
remoteparfor>remoteparfor.delete	4	0.004	0.002	
InteractionContainer>InteractionContainer.InteractionContainer	8	0.004	0.003	
CellBuilder>CellBuilder.CellBuilder	5	0.004	0.002	
compose	15	0.004	0.003	
…tImportOptionsText>DetectImportOptionsText.setTextFileProperties	5	0.004	0.003	
remoteparfor>remoteparfor.allIntervalsAdded	4	0.004	0.003	
YZProcessing06_2ndround>(parfor consume)	72	0.004	0.004	
SerializationNotifier>SerializationNotifier,createSerializationListener	4	0.004	0.003	
dctSchedulerMessage	12	0.004	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	16	0.004	0.004	
CategoricalRuler>CategoricalRuler.CategoricalRuler	8	0.004	0.003	
isStringScalar	96	0.004	0.004	
TextInputs>TextInputs.get.Whitespace	5	0.004	0.001	
…),A,'scalartext',fname,'expectedScalartext',msgId,argname,argpos)	7	0.004	0.001	
PointerMixin>PointerMixin.setPointerStrategy	8	0.004	0.002	
…tter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfoMode	16	0.004	0.003	
num2cell	5	0.004	0.004	
YZProcessing04_tdoa>(parfor consume)	72	0.004	0.004	
validateAndEscapeStrings	5	0.004	0.001	

OutputStream>OutputStream.OutputStream	2	0.004	0.001	
assertUnsupportedParamsForFileType	10	0.004	0.004	
YZProcessing08_3rdround>(parfor consume)	72	0.004	0.004	
FastVarOpts>FastVarOpts.fixSelection	10	0.004	0.004	
PluginManager>PluginManager.errorIfUnsupportedFile	2	0.004	0.003	
detectTypes>getDominantType	5	0.004	0.003	
validateNVPairs	5	0.004	0.003	
validatestring>checkInputs	24	0.004	0.004	
CategoricalRuler>CategoricalRuler.makeNumeric	8	0.004	0.002	
EncodingInput>EncodingInput.set.Encoding	10	0.004	0.004	
validateLineIntervals	10	0.004	0.004	
ReadCell>ReadCell.getExtensions	5	0.003	0.001	
FunctionStore>FunctionStore.getFunctionByName	5	0.003	0.001	
TextInteractions>TextInteractions.createAndRegisterTextControl	22	0.003	0.002	
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	18	0.003	0.003	
fullfile>ensureTrailingFilesep	15	0.003	0.001	
PostUpdatePlugin>isAxesToolbarExcluded	8	0.003	0.003	
preprocessextents	8	0.003	0.003	
newplot>ObserveAxesNextPlot	8	0.003	0.003	
Scatter.Scatter>Scatter.set.MarkerFaceColor	8	0.003	0.002	
…tOptions.ImportOptions>ImportOptions.get.SelectedVariableNames	5	0.003	0.002	
HasPropertiesAsNVPairs>getParserByClass	5	0.003	0.003	
EncodingInput>EncodingInput.detectEncodingFromFilename	5	0.003	0.003	
…stractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha	36	0.003	0.003	
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	103	0.003	0.003	
Scatter.Scatter>Scatter.set.MarkerFaceAlpha	8	0.003	0.002	
istimetable	656	0.003	0.003	
hggetbehavior>localPeek	16	0.003	0.003	
isCharVector	62	0.003	0.003	
…Scatter.AbstractScatter>AbstractScatter.set.MarkerEdgeColorMode	8	0.003	0.002	
DetectImportOptionsText>DetectImportOptionsText.setFileProps	5	0.003	0.003	
ArgumentParser>ArgumentParser.checkAlias	10	0.003	0.003	
remoteparfor>remoteparfor.getDispatchSizes	4	0.003	0.002	
…catter.AbstractScatter>AbstractScatter.set.MarkerEdgeAlphaMode	8	0.003	0.002	
updateSelectionHandle	8	0.003	0.003	
ismissingKernel>arraySwitch	12	0.003	0.003	
AbstractScatter.AbstractScatter>AbstractScatter.get.XJitter	16	0.003	0.002	
Channel>Channel.postInit	2	0.003	0.003	
audioread>validateRange	2	0.003	0.002	
partialMatchString	48	0.003	0.003	
attributes>checkClass	7	0.003	0.003	
…taFromDetection>TableMetaDataFromDetection.setMetaLocations	5	0.003	0.003	
graph2d\private\labelcheck	8	0.003	0.003	
…amesInput>PreserveVariableNamesInput.set.VariableNamingRule	5	0.003	0.002	
AbstractScatter.AbstractScatter>AbstractScatter.get.YJitter	16	0.003	0.002	
AbstractScatter.AbstractScatter>AbstractScatter.get.ZJitter	16	0.003	0.002	
mean>mysize	149	0.003	0.003	
Scatter.getCleanData	8	0.003	0.003	
attributes>valueAttributor	7	0.003	0.002	
AcceptsFileType>AcceptsFileType.getExtensions	5	0.003	0.001	
DetectImportOptions>getSuppliedProperties	10	0.003	0.003	

AbstractScatter.AbstractScatter>AbstractScatter.get.Jitter	8	0.003	0.002	
categorical.parenReference	4	0.003	0.002	
DetectImportOptions>DetectImportOptions.set.NumHeaderLines	5	0.002	0.002	
validateFileName>localUnique	10	0.002	0.002	
FilePath>FilePath.get.Readable	2	0.002	0.002	
remoteparfor>remoteparfor.drainIntervals	4	0.002	0.002	
FilePath>FilePath.get.Exists	6	0.002	0.002	
datachk	16	0.002	0.002	
ImportOptions.ImportOptions>ImportOptions.useGeneratedNames	10	0.002	0.002	
TextInputs>TextInputs.set.VariableNamesLine	5	0.002	0.002	
FilePath>FilePath.get.Absolute	2	0.002	0.002	
readcell>@()func.WorkSheet.clear()	5	0.002	0.002	
FunctionStore>accessMap	5	0.002	0.002	
convertStringToCharArgs	16	0.002	0.002	
com.mathworks.hg.util.DeferToIdleState.execute (Java method)	8	0.002	0.002	
CategoricalRuler>CategoricalRuler.doStretchLimits	18	0.002	0.002	
Channel>Channel.preOpen	2	0.002	0.002	
attributes>findSupportedAttr	7	0.002	0.002	
makeUniqueStrings>validateExclStrOrElemToChk	15	0.002	0.002	
Channel>Channel.postClose	2	0.002	0.002	
ArrayBuilder>ArrayBuilder.shapedata	5	0.002	0.002	
…lusterPool.AbstractClusterPool>AbstractClusterPool.get.Connected	8	0.002	0.001	
.bstractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeColor	16	0.002	0.002	
…ns>DetectImportOptionsFileExtensions.getFileTypeFromExtension	5	0.002	0.002	
fullfile>addTrailingFileSep	15	0.002	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	16	0.002	0.002	
RemoteToLocal>RemoteToLocal.RemoteToLocal	2	0.002	0.002	
fullfile>fixIRI	10	0.002	0.002	
FilePath>FilePath.set.Extension	2	0.002	0.002	
strfun\private\isTextStrict	50	0.002	0.002	
FigureUtils>FigureUtils.isEditorSnapshotFigure	18	0.002	0.002	
Channel>Channel.lock	2	0.002	0.001	
Scatter.Scatter>@(obj,evd)(hObj.sendDataChangedEvent)	32	0.002	0.002	
categorical.categorical>isNVpair	15	0.002	0.002	
isCharString	43	0.002	0.002	
…escriptorBehavior>DataDescriptorBehavior.DataDescriptorBehavior	8	0.002	0.001	
istabular	47	0.002	0.002	
ImportOptions.ImportOptions>ImportOptions.setUnboundedSelection	5	0.002	0.002	
TextDataReader>TextDataReader.initRowNames	5	0.002	0.002	
ArrayBuilder>ArrayBuilder.ArrayBuilder	5	0.002	0.001	
ReadCellText>checkWrongParamsWrongType	5	0.002	0.001	
parseCData	8	0.002	0.002	
…deStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	8	0.002	0.001	
remoteparfor>iErrorCheckPool	4	0.002	0.001	
…eStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	8	0.002	0.001	
interp1q>linformula	2	0.002	0.002	
ExecutableFunction>ExecutableFunction.get.NumRequired	10	0.002	0.001	
Stream>Stream.isSupported	4	0.002	0.002	
RemoteToLocal>RemoteToLocal.delete	2	0.002	0.001	
newplot>ObserveFigureNextPlot	8	0.002	0.002	
isInvalidInLogScale>basicImpl	20	0.002	0.002	

checkInputName	2	0.002	0.002	
parallel_function>results	4	0.002	0.002	
SerializationNotifier>SerializationNotifier.getInstance	4	0.002	0.002	
Builder>Builder.removeOmittedRowsAndVars	10	0.002	0.002	
strfun\private\convertStringToOriginalTextType	35	0.002	0.002	
parallel\private\dctSchedulerMessageHandler	12	0.002	0.002	
TextInteractions>TextInteractions.getCanvas	22	0.002	0.002	
serializationProfiling	4	0.002	0.002	
Stream>Stream.addFilter	2	0.002	0.002	
DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup	8	0.002	0.002	
incrementParallelFunctionDepth	8	0.002	0.002	
scatter>Lcchk	8	0.002	0.001	
parallel_function>PCTInstalled	4	0.002	0.001	
DelimitedTextInputs>DelimitedTextInputs.set.TrailingDelimitersRule	5	0.001	0.001	
ImportOptions.ImportOptions>ImportOptions.get.selectedIDs	5	0.001	0.001	
usejava	16	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.BrushHandles	8	0.001	0.001	
ChildEventData>ChildEventData.ChildEventData	8	0.001	0.001	
TextInputs>TextInputs.TextInputs	5	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.JitterDirty_I	32	0.001	0.001	
repmat>checkSizesType	113	0.001	0.001	
categorical.countcats	1	0.001	0.001	
PrintBehavior>PrintBehavior.dosupport	8	0.001	0.001	
deal	8	0.001	0.001	
Channel>Channel.isOpen	6	0.001	0.001	
Stream>Stream.delete	4	0.001	0.001	
PrintBehavior>PrintBehavior.PrintBehavior	8	0.001	0.001	
DetectImportOptionsText>DetectImportOptionsText.setVarNames	5	0.001	0.001	
Engine>Engine.Engine	4	0.001	0.001	
FileExtensions>FileExtensions.getExtensionsFromType	5	0.001	0.001	
FastVarOpts>FastVarOpts.numVars	20	0.001	0.001	
audioread>validateRangeWithTotalSamples	2	0.001	0.001	
ToolbarFactory>ToolbarFactory.getInstance	8	0.001	0.001	
categorical.categorical>categorical.castCodes	19	0.001	0.001	
assertNoTableInputs	5	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	48	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.Clipping_I	24	0.001	0.001	
isPublishingTest	34	0.001	0.001	
Scatter.Scatter>Scatter.get.MarkerFaceAlpha	36	0.001	0.001	
InteractionContainer>InteractionContainer.get.Enabled	18	0.001	0.001	
Channel>Channel.preTerm	2	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.CData_I	24	0.001	0.001	
…ctScatter.AbstractScatter>AbstractScatter.get.CurrentIconColorInfo	16	0.001	0.001	
PostUpdatePlugin>localGetCanvasContainingAncestor	8	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	8	0.001	0.001	
remoteparfor>remoteparfor.rangeDivided	4	0.001	0.001	
getJavaFutureInterruptibly>@()future.cancel(true)	4	0.001	0.001	
DataDescriptorBehavior>DataDescriptorBehavior.dosupport	8	0.001	0.001	
FastVarOpts>FastVarOpts.get.Types	20	0.001	0.001	
…bleNamesInput>PreserveVariableNamesInput.validateNamingRule	5	0.001	0.001	

var>mysize	108	0.001	0.001	
…ractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeColor_I	24	0.001	0.001	
Channel>Channel.updateAndFetchLockCount	4	0.001	0.001	
PluginManager>PluginManager.getInstance	6	0.001	0.001	
…actScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha_I	44	0.001	0.001	
fullfile>@(x)~iscell(x)&&isempty(x)	10	0.001	0.001	
categorical.isempty	32	0.001	0.001	
xyzline>parseLineStyle	4	0.001	0.001	
blanks	14	0.001	0.001	
checkpvpairs	8	0.001	0.001	
…(x,'string')&&isscalar(x)&&~ismissing(x))||(ischar(x)&&size(x,1)<=1)	7	0.001	0.001	
…Scatter.AbstractScatter>AbstractScatter.get.CurrentIconColorInfo_I	32	0.001	0.001	
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	8	0.001	0.001	
categorical.double	8	0.001	0.001	
DetectImportOptionsText>checkDelimitedFixedWidthWrongParams	5	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.CDataMode	28	0.001	0.001	
colon_range_check>integer_range_overflow_check	4	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.SelectionHandle	40	0.001	0.001	
remoteparfor>remoteparfor.maxBacklog	4	0.001	0.001	
categorical.numel	8	0.001	0.001	
InputStream>InputStream.readPartialPacket	2	0.001	0.001	
remoteparfor>remoteparfor.initialDispatchFactor	4	0.001	0.001	
Engine>Engine.numIntervalsFactor	4	0.001	0.001	
…ckManager.ScribeStackManager>ScribeStackManager.getInstance	8	0.001	0.001	
rmMissingOutliers>reduceSize	8	0.001	0.001	
mustBeValidGraphicsObject	8	0.001	0.001	
…b.graphics.illustration.ColorBar')||isa(obj,'matlab.ui.control.UIAxes')	156	0.001	0.001	
validateNVPairs>isNonEmptyScalarText	5	0.001	0.001	
HGBehavior>HGBehavior.HGBehavior	16	0.001	0.001	
PoolOptions>iIsValidMaxNumWorkers	4	0.001	0.001	
…ClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession	8	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	8	0.001	0.001	
rmMissingOutliers>cumputeIndex	8	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.disarm	8	0.001	0.001	
UsesWorksheet>UsesWorksheet.clear	5	0.001	0.001	
…ntLine.ConstantLine>mustBeFiniteNumericDateTimeOrCategorical	4	0.001	0.001	
Scatter.Scatter>Scatter.get.MarkerFaceColor	16	0.001	0.001	
FastVarOpts>FastVarOpts.setVarOpts	20	0.001	0.001	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	18	0.001	0.001	
pwd	22	0.001	0.001	
TextInputs>TextInputs.setUnescapedWhitespace	5	0.001	0.001	
…el_function>@()matlab.internal.incrementParallelFunctionDepth(-1)	4	0.001	0.001	
CategoricalRuler>categoriesInRealOrder	8	0.001	0.001	
…esInput>PreserveVariableNamesInput.get.PreserveVariableNames	5	0.001	0.001	
categorical.categories	29	0.001	0.001	
DetectImportOptions>validateScalarInt	5	0.001	0.001	
isScalarText	8	0.001	0.001	
ArgumentParser>matchPartial	10	0.001	0.001	
validateLogical	22	0.001	0.001	
TextDataReader>updateDatalines	5	0.001	0.001	
isPCTInstalled	4	0.001	0.001	

AbstractScatter.AbstractScatter>AbstractScatter.get.LineWidth_I	16	0.001	0.001	
Channel>Channel.unlock	2	0.001	0.001	
mustBeNonnegative	5	0.001	0.001	
AcceptsReadableFilename>AcceptsReadableFilename.get.Filename	25	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.Jitter_I	8	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.XJitter_I	16	0.001	0.001	
InputStream>InputStream.clearPartialPacket	2	0.001	0.001	
endpoint_check	8	0.001	0.001	
TextInputs>validateLineNumber	5	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerOrder	8	0.001	0.001	
Scatter.mapSize	8	0.001	0.001	
…tter.AbstractScatter>AbstractScatter.get.CurrentIconColorInfoMode	16	0.001	0.001	
Scatter.Scatter>Scatter.set.MarkerFaceColorMode	8	0.001	0.001	
MessageHandler>MessageHandler.MessageHandler	2	0.001	0.001	
categorical.length	16	0.001	0.001	
RemoteToLocal>RemoteToLocal.deleteIfLocalCopy	2	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.delete	8	0.001	0.001	
Scatter.Scatter>Scatter.set.MarkerFaceAlphaMode	8	0.001	0.001	
Options>Options.Options	4	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.YJitter_I	16	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.set.CData_I	8	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.ZJitter_I	16	0.001	0.001	
DelimitedTextInputs>DelimitedTextInputs.getUnescapedDelimiter	5	0.001	0.001	
Scatter.Scatter>Scatter.get.SizeData	8	0.001	0.001	
range_step_check	4	0.001	0.001	
…Scatter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfo_I	8	0.001	0.001	
categorical.categorical>categorical.isordinal	16	0.001	0.001	
…ractScatter.AbstractScatter>AbstractScatter.set.MarkerEdgeColor_I	8	0.001	0.001	
remoteparfor>remoteparfor.getNumWorkers	4	0.001	0.001	
xyzline>validateData	4	0.001	0.001	
…actScatter.AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha_I	8	0.001	0.001	
TextInputs>TextInputs.getUnescapedWhitespace	5	0.001	0.001	
…catter.AbstractScatter>AbstractScatter.get.MarkerEdgeColorMode	8	0.001	0.001	
…catter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlphaMode	8	0.001	0.001	
parenReference_1D	4	0.001	0.001	
isFigureShowEnabled	16	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.BrushHandles_I	8	0.001	0.001	
PluginManager>PluginManager.handlePluginError	2	0.001	0.001	
+file\private\mexAudioPluginManager (MEX-file)	2	0.001	0.001	
PluginManager>PluginManager.errorIfFile	6	0.001	0.001	
Engine>iClamp	20	0.001	0.001	
generateArgumentDescriptor>isCharOrString	21	0.001	0.001	
mustBeNumericOrLogical	5	0.001	0.001	
hasDisplay	16	0.001	0.001	
IconColorInfoCache>IconColorInfoCache.IconColorInfoCache	16	0.000	0.000	
remoteparfor>iClamp	4	0.000	0.000	
…nNotifier>SerializationNotifier.createAccumulatingListener/nGetList	4	0.000	0.000	
DataReader>DataReader.DataReader	5	0.000	0.000	
…sNVPairs>HasPropertiesAsNVPairs.assertNoAdditionalParameters	5	0.000	0.000	
…tiesAsNVPairs>HasPropertiesAsNVPairs.HasPropertiesAsNVPairs	5	0.000	0.000	
missing>missing.missing	5	0.000	0.000	

Builder>Builder.Builder	5	0.000	0.000	
…rrorRulesInputs>MissingErrorRulesInputs.MissingErrorRulesInputs	5	0.000	0.000	
DelimitedTextInputs>DelimitedTextInputs.DelimitedTextInputs	5	0.000	0.000	
EncodingInput>EncodingInput.EncodingInput	5	0.000	0.000	
…sInput>PreserveVariableNamesInput.PreserveVariableNamesInput	5	0.000	0.000	
isdatetime	8	0.000	0.000	
Saveable>Saveable.Saveable	5	0.000	0.000	
PointerMixin>PointerMixin.PointerMixin	8	0.000	0.000	
PointerModeStrategy>PointerModeStrategy.PointerModeStrategy	8	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy	8	0.000	0.000	
isduration	8	0.000	0.000	
supportedTypeNames	10	0.000	0.000	
CategoricalRuler>CategoricalRuler.allowTickLabelThinning	28	0.000	0.000	
run>@()([])	7	0.000	0.000	
ReadCell>ReadCell.usingRequired	15	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.