

Profile Summary (Total time: 125.927 s)

Generated 18-Jul-2023 01:35:24 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
main	1	125.768	0.002	
run	11	125.766	0.185	
parallel_function	6	120.761	0.035	
parallel_function>distributed_execution	6	120.560	0.058	
remoteparfor>remoteparfor.getCompleteIntervals	114	120.110	0.316	
java.util.concurrent.LinkedBlockingQueue (Java method)	519	118.262	118.262	
YZProcessing12_5thround	1	35.482	0.177	
YZProcessing08_3rdround	1	32.290	0.159	
YZProcessing10_4thround	1	31.809	0.192	
YZProcessing04_tdoa	1	11.373	0.078	
YZProcessing06_2ndround	1	8.764	0.183	
Statistics_accuracy_calculation	1	4.153	0.966	
remoteparfor>remoteparfor.displayOutput	513	1.302	0.069	
remoteparfor>iDisplayStringArray	141	1.288	0.026	
remoteparfor>@(msg)fprintf(1,'%s',char(msg))	78	1.262	1.262	
readcell	9	1.048	0.012	
YZProcessing05_statistics_remoutlier	1	1.047	0.166	
ExecutableFunction>ExecutableFunction.validateAndExecute	9	1.030	0.008	
ReadCell>ReadCell.execute	9	0.808	0.017	
ReadCellWithImportOptions>ReadCellWithImportOptions.execute	9	0.471	0.007	
scatter	6	0.393	0.042	
ReadCellText>ReadCellText.execute	9	0.348	0.007	
DetectImportOptions>DetectImportOptions.execute	9	0.315	0.011	
DetectImportOptionsText>DetectImportOptionsText.execute	9	0.295	0.005	
DetectImportOptionsText>DetectImportOptionsText.getTextOpts	9	0.281	0.005	
...mportOptionsText>DetectImportOptionsText.getOptsFromDetection	9	0.256	0.065	
TextDataReader>TextDataReader.read	9	0.249	0.020	
CellBuilder>CellBuilder.build	9	0.221	0.008	
ylabel	6	0.220	0.124	
hold	6	0.209	0.045	
ReadCell>ReadCell.validate	9	0.208	0.004	
remoteparfor>remoteparfor.addInterval	432	0.206	0.063	
DetectImportOptions>DetectImportOptions.validate	9	0.203	0.008	
remoteparfor>remoteparfor.deserialize	432	0.194	0.052	
audioread	4	0.178	0.005	
audioread>readaudio	4	0.169	0.024	
configureAxes	8	0.168	0.010	
YZProcessing09_3rdroundstatistics	1	0.162	0.097	
YZProcessing11_4throundstatistics	1	0.158	0.096	
YZProcessing13_5throundstatistics	1	0.154	0.091	

rmoutliers	116	0.152	0.005	
CellBuilder>CellBuilder.convertcells	9	0.152	0.012	
YZProcessing07_2ndroundstatistics	1	0.151	0.084	
rmMissingOutliers	116	0.147	0.009	
categorical.categorical>categorical.categorical	8	0.146	0.050	
yline	2	0.144	0.002	
deserialize	432	0.143	0.095	
xyzline	2	0.142	0.033	
str2double	3574	0.135	0.135	
ExecutableFunction>ExecutableFunction.validate	9	0.133	0.003	
ExecutableFunction>ExecutableFunction.validateArguments	9	0.130	0.019	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	6	0.129	0.010	
configureRuler	16	0.120	0.022	
rmMissingOutliers>applyFun	116	0.113	0.005	
remoteparfor>remoteparfor.serialize	438	0.111	0.009	
parallel_function>@(initData,F)createEngine(M,initData,F)	6	0.108	0.001	
isoutlier	116	0.108	0.011	
PoolOptions>PoolOptions.createEngine	6	0.107	0.003	
remoteparfor>remoteparfor.remoteparfor	6	0.103	0.010	
serialize	438	0.102	0.019	
remoteparfor>remoteparfor.complete	6	0.097	0.004	
ismember	41	0.097	0.021	
AbstractScatter.doUpdate	6	0.095	0.063	
remoteparfor>remoteparfor.awaitCompletionDisplayingOutput	6	0.092	0.007	
ImportOptions.ImportOptions>ImportOptions.setvartype	9	0.091	0.006	
TextDataReader>TextDataReader.TextDataReader	9	0.090	0.009	
remoteparfor>remoteparfor.buildParforController	6	0.089	0.020	
CanvasSetup>CanvasSetup.createScribeLayers	6	0.087	0.004	
...tackManager,ScribeStackManager>ScribeStackManager.getLayer	24	0.086	0.008	
FastVarOpts>FastVarOpts.setTypes	27	0.082	0.015	
AcceptsReadableFilename>AcceptsReadableFilename.set.Filename	9	0.077	0.004	
validatestring	95	0.076	0.011	
ismember>ismemberR2012a	41	0.076	0.018	
Scatter,Scatter>Scatter,Scatter	6	0.073	0.002	
...ckManager,ScribeStackManager>ScribeStackManager.createLayer	18	0.073	0.019	
...tsReadableFilename>AcceptsReadableFilename.validateFilename	9	0.072	0.005	
TextDataReader>TextDataReader.initTextParser	9	0.072	0.009	
....toolbox.distcomp,pmode,parfor.ParforControllerImpl (Java method)	609	0.065	0.065	
AbstractScatter,AbstractScatter>AbstractScatter,AbstractScatter	6	0.064	0.020	
validatestring>checkString	95	0.060	0.018	
CategoricalRuler>CategoricalRuler.convertNumericLimits	2	0.057	0.001	
CategoricalRuler>CategoricalRuler.makeNonNumericLimits	2	0.055	0.005	
cell.unique	67	0.055	0.024	
cell.ismember	122	0.054	0.021	
distcompserialize64 (MEX-file)	438	0.053	0.053	

validateFileName	9	0.052	0.010	
CategoricalRuler>CategoricalRuler.addData	8	0.052	0.003	
CategoricalRuler>CategoricalRuler.makeNonNumeric	2	0.051	0.003	
isoutlier>parseinput	116	0.051	0.018	
CategoricalRuler>CategoricalRuler.mergeDataCategories	8	0.048	0.008	
InputStream>InputStream.read	4	0.046	0.016	
unique	27	0.046	0.021	
datafun\private\locateoutliers	116	0.046	0.015	
DelimitedTextImportOptions>DelimitedTextImportOptions.getParser	9	0.046	0.016	
fullfile	27	0.043	0.017	
hggetbehavior	12	0.043	0.003	
AcceptsFileType>AcceptsFileType.set.FileType	9	0.043	0.004	
ScribeLayer,ScribeLayer>ScribeLayer.ScribeLayer	18	0.042	0.017	
attributes	64	0.042	0.006	
ismember>ismemberClassTypes	10	0.041	0.014	
hggetbehavior>localGet	12	0.040	0.011	
AbstractScatter.getXYZDataExtents	6	0.039	0.012	
getJavaFutureInterruptibly	6	0.038	0.013	
categorical.removecats	6	0.037	0.008	
configureAxes>checkChildren	8	0.036	0.006	
Channel>Channel.Channel	4	0.036	0.018	
detectTypes	9	0.035	0.015	
...xesInteractions>UnifiedAxesInteractions.createDefaultInteractions	13	0.033	0.013	
cell.setdiff	9	0.032	0.003	
...rtOptions>DelimitedTextImportOptions.DelimitedTextImportOptions	9	0.031	0.005	
unescape	54	0.031	0.017	
distcompMakeByteBufferHandles (MEX-file)	438	0.030	0.030	
FastVarOpts>FastVarOpts.get.Names	27	0.030	0.005	
...mode.parfor.ParforControllerImpl\$IntervalResultImpl (Java method)	1296	0.030	0.030	
InputStream>InputStream.readPackets	12	0.029	0.029	
ImportOptions.ImportOptions>ImportOptions.get.VariableNames	18	0.029	0.002	
DelimitedTextInputs>DelimitedTextInputs.set.Delimiter	18	0.029	0.006	
cell.setdiff>cellsetdiffR2012a	9	0.029	0.009	
ConstantLine.ConstantLine>ConstantLine.doUpdate	2	0.028	0.020	
Scatter,Scatter>Scatter.doSetup	12	0.028	0.017	
cell.unique>celluniqueR2012a	67	0.028	0.028	
setxor	4	0.026	0.002	
parallel_function>distributed_execution/consume_reduce	288	0.026	0.012	
makeNumeric	10	0.026	0.006	
unique>uniqueR2012a	27	0.026	0.026	
distcompdeserialize (MEX-file)	432	0.025	0.025	
ToolbarFactory>ToolbarFactory.getToolbar	6	0.025	0.001	
hgbehaviorfactory	12	0.024	0.002	
configureAxes>checkDim	16	0.024	0.012	

parseplotapi	6	0.024	0.004	
setxor>setxorR2012a	4	0.024	0.006	
...er.DesktopToolbarController>DesktopToolbarController.getInstance	6	0.024	0.002	
FastVarOpts>FastVarOpts.getVarOptsStruct	18	0.023	0.012	
fileparts	57	0.023	0.010	
hgbehaviorfactory>localCreate	12	0.023	0.008	
Statistics_accuracy_calculation>(parfor supply)	72	0.022	0.019	
ExecutableFunction>ExecutableFunction.obj2struct	9	0.022	0.012	
parforOptions	6	0.022	0.002	
rmMissingOutliers>parseInputs	116	0.022	0.011	
...lbarController>DesktopToolbarController.DesktopToolbarController	6	0.022	0.003	
axescheck	14	0.022	0.012	
validateAndEscapeCellStrings	45	0.021	0.010	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	12	0.021	0.004	
getJavaFutureResult	6	0.021	0.002	
strcat	22	0.020	0.019	
makeUniqueStrings	27	0.020	0.007	
absolutePathForReading	4	0.020	0.006	
scatter>parseargs	6	0.020	0.007	
datafun\private\datafunigr	55	0.020	0.004	
PoolOptions>PoolOptions.build	6	0.020	0.004	
arraytolimits	8	0.020	0.004	
ismember>ismemberBuiltinTypes	41	0.019	0.019	
ArrayBuilder>ArrayBuilder.build	9	0.019	0.008	
java.util.concurrent.FutureTask (Java method)	12	0.019	0.019	
DetectImportOptionsText>DetectImportOptionsText.removeBOM	9	0.018	0.018	
mean	143	0.017	0.015	
scatter>localGetAxesInfo	6	0.017	0.003	
AcceptsFileType>AcceptsFileType.getFileTypeFirst	9	0.017	0.005	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	12	0.017	0.015	
HasPropertiesAsNVPairs>HasPropertiesAsNVPairs.parseInputs	9	0.017	0.013	
FastVarOpts>FastVarOpts.FastVarOpts	9	0.016	0.010	
arraytolimits>localGetLimits	24	0.016	0.016	
ConstantLine.ConstantLine>ConstantLine.ConstantLine	2	0.016	0.012	
...works.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	141	0.015	0.015	
datafun\private\datafunigr>iqrImpl	55	0.015	0.004	
attributes>checkAttrs	64	0.015	0.007	
PoolOptions>PoolOptions.PoolOptions	6	0.015	0.008	
ArgumentParser>ArgumentParser.canonicalizeNames	18	0.015	0.010	
TextInputs>TextInputs.getLineEnding	18	0.015	0.003	
cell.strcat	9	0.015	0.011	
newplot	6	0.015	0.006	
DelimitedTextInputs>DelimitedTextInputs.getDelimiter	18	0.014	0.003	
DetectImportOptionsText>DetectImportOptionsText.setHexType	9	0.014	0.009	
attributes>checkInputs	64	0.014	0.005	

mode	18	0.014	0.014	
distcompByteBufferHandles2MxArray (MEX-file)	432	0.013	0.013	
Engine>Engine.divideRangeIntoIntervals	6	0.013	0.003	
...IbarController,ToolBarController>ToolBarController,ToolBarController	6	0.013	0.010	
...tackManager,ScribeStackManager>ScribeStackManager.findLayer	114	0.013	0.013	
fileparts>legacyPCExecution	57	0.013	0.013	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	6	0.013	0.001	
CategoricalRuler>CategoricalRuler.computeLabels	20	0.012	0.010	
getChildrenForRuler	16	0.012	0.012	
repmat	107	0.012	0.011	
ismissing	11	0.012	0.003	
pctTryCreatePoolIfNecessary	6	0.012	0.003	
AbstractScatter.getColorAlphaDataExtents	14	0.012	0.009	
interp1q	55	0.012	0.008	
parseArgs	8	0.012	0.012	
...s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	13	0.012	0.005	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	6	0.011	0.005	
...ctScatter,AbstractScatter>AbstractScatter.set,CurrentIconColorInfo	12	0.011	0.006	
audioread>@()delete(durationListener)	4	0.011	0.002	
hgbehaviorfactory>localGetBehaviorInfo	12	0.011	0.011	
rmMissingOutliersVarargin	116	0.011	0.008	
parseparams	6	0.010	0.007	
validateAndEscapeCellStrings>escape	54	0.010	0.004	
categorical.parenAssign	62	0.010	0.009	
YZProcessing08_3dround>(parfor supply)	72	0.010	0.009	
getRulersForChild	10	0.010	0.007	
ConstantLine.ConstantLine>ConstantLine.getXYZDataExtents	2	0.010	0.003	
YZProcessing04_tdoa>(parfor supply)	72	0.010	0.008	
gobjects	56	0.010	0.010	
makeUniqueStrings>makeUnique	27	0.010	0.010	
AbstractScatter,AbstractScatter>AbstractScatter.set,MarkerHandle	6	0.010	0.002	
AbstractScatter.cacheLegendIconColors	6	0.009	0.008	
makeNumeric>numericDim	20	0.009	0.006	
axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)	70	0.009	0.006	
ismissingKernel	11	0.009	0.006	
Channel>Channel.delete	4	0.009	0.006	
DetectImportOptionsText>DetectImportOptionsText.setBinaryType	9	0.009	0.007	
PoolArrayManager>PoolArrayManager.getOrAutoCreateWithCleanup	6	0.009	0.002	
generateArgumentDescriptor	64	0.009	0.008	
CategoricalRuler>CategoricalRuler.doChooseMajorTickValues	27	0.009	0.007	
...m.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)	432	0.009	0.009	
replace	63	0.009	0.006	
ArgumentParser>ArgumentParser.extractArgs	9	0.009	0.009	
@categorical/private/checkCategoryNames	9	0.009	0.008	
Engine>divide_biharmonic	6	0.009	0.007	

ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	6	0.009	0.001	
...rtOptions.TextImportOptions>TextImportOptions.TextImportOptions	9	0.008	0.002	
categorical.reordercats	1	0.008	0.005	
std	54	0.008	0.002	
Stream>Stream.Stream	8	0.008	0.006	
...tter.AbstractScatter>AbstractScatter.setMarkerHandleFanoutProps	6	0.008	0.007	
..bstractScatter,AbstractScatter>AbstractScatter.set,MarkerEdgeColor	6	0.008	0.004	
objArrayDispatch	14	0.008	0.005	
...stractScatter,AbstractScatter>AbstractScatter.set,MarkerEdgeAlpha	6	0.008	0.004	
PluginManager>PluginManager.getPluginForRead	4	0.008	0.002	
fullfile>refinePath	27	0.008	0.005	
InputStream>InputStream.InputStream	4	0.008	0.002	
...itedTextInputs>DelimitedTextInputs.set,ConsecutiveDelimitersRule	9	0.008	0.002	
Scatter,Scatter>@(~,~)set(hObj,'JitterDirty_', 'on')	24	0.008	0.006	
...tesianAxesInteractionContainer, CartesianAxesInteractionContainer	6	0.007	0.001	
DetectImportOptions>DetectImportOptions.setVariableProps	9	0.007	0.004	
PoolArrayManager>iManipulatePoolArray	6	0.007	0.004	
..stractScatter,AbstractScatter>AbstractScatter.set,MarkerHandleNaN	6	0.007	0.001	
median	122	0.007	0.007	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	6	0.007	0.005	
colon_range_check	6	0.007	0.005	
...dAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations	19	0.007	0.007	
Channel>Channel.open	4	0.007	0.003	
TextInputs>TextInputs.set,DataLines	18	0.007	0.003	
Builder>Builder.getBuilder	9	0.007	0.002	
unescape>unescapestring	81	0.007	0.007	
...andardAxesInteractionContainer, StandardAxesInteractionContainer	6	0.007	0.001	
SerializationNotifier>SerializationNotifier.createAccumulatingListener	6	0.006	0.003	
remoteparfor>iTimeUnitSeconds	120	0.006	0.006	
audioread>@()channel.close()	4	0.006	0.001	
...ackManager.ScribeStackManager>ScribeStackManager.hasLayers	18	0.006	0.003	
...esInput>PreserveVariableNamesInput.set,PreserveVariableNames	9	0.006	0.003	
nextstyle	6	0.006	0.006	
attributes>checkClass	64	0.006	0.006	
Statistics_accuracy_calculation>(parfor consume)	72	0.006	0.006	
...terPool,AbstractClusterPool>AbstractClusterPool.get,NumWorkers	6	0.006	0.003	
var	54	0.006	0.005	
getRealData	6	0.006	0.006	
...AbstractScatter>AbstractScatter.setMarkerHandleNaNFanoutProps	6	0.006	0.006	
usev6plotapi	6	0.006	0.006	
..stractScatter,AbstractScatter>AbstractScatter.set,SelectionHandle_I	6	0.006	0.002	
configureAxes>classcheck	16	0.006	0.006	
...iner>BaseAxesInteractionContainer, BaseAxesInteractionContainer	6	0.006	0.001	
FilePath>FilePath.FilePath	4	0.006	0.003	

FastVarOnts>getOntsStructWithDefaults	23	0.006	0.006	
Channel>Channel.close	4	0.005	0.003	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	6	0.005	0.005	
isCellOfCharVectors	81	0.005	0.005	
YZProcessing06_2ndround>(parfor supply)	72	0.005	0.005	
scatter>Lxychk	6	0.005	0.004	
DetectImportOptionsText>checkWrongParamsWrongType	9	0.005	0.002	
...lusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable	18	0.005	0.005	
...),A,'scalartext',fname,'expectedScalartext',msgId,argname,argpos)	64	0.005	0.002	
ctorHelper	20	0.005	0.004	
audioread>validateDataType	4	0.005	0.001	
...tImportOptionsText>DetectImportOptionsText.setTextFileProperties	9	0.005	0.003	
validatestring>checkInputs	95	0.005	0.005	
ImportOptions.ImportOptions>ImportOptions.ImportOptions	9	0.005	0.003	
compose	27	0.005	0.004	
TextInputs>TextInput.get.CommentStyle	9	0.005	0.001	
box	2	0.005	0.004	
num2cell	9	0.005	0.005	
cellstr	37	0.005	0.005	
calculateEdgeVertexData	2	0.005	0.002	
remoteparfor>remoteparfor.delete	6	0.005	0.002	
EncodingInput>EncodingInput.detectEncodingFromFilename	9	0.005	0.005	
isInvalidLnLogScale	14	0.004	0.003	
markFigure	8	0.004	0.004	
YZProcessing12_5thround>(parfor supply)	72	0.004	0.004	
EncodingInput>EncodingInput.set.Encoding	18	0.004	0.004	
CellBuilder>CellBuilder.CellBuilder	9	0.004	0.003	
InteractionContainer>InteractionContainer.InteractionContainer	6	0.004	0.003	
sliced_fcnhdl_check	10	0.004	0.004	
CategoricalRuler>CategoricalRuler.roundNumeric	49	0.004	0.004	
isCharOrString	86	0.004	0.004	
assertUnsupportedParamsForFileType	18	0.004	0.004	
...tOptions.ImportOptions>ImportOptions.getSelectedVariableNames	9	0.004	0.002	
dctSchedulerMessage	18	0.004	0.003	
TextInput>TextInput.get.Whitespace	9	0.004	0.001	
...AbstractScatter>AbstractScatter.setSelectionHandle_IFanoutProps	6	0.004	0.003	
istable	441	0.004	0.004	
validateAndEscapeStrings	9	0.004	0.002	
OutputStream>OutputStream.OutputStream	4	0.004	0.001	
remoteparfor>remoteparfor.allIntervalsAdded	6	0.004	0.003	
detectTypes>getDominantType	9	0.004	0.003	
PluginManager>PluginManager.errorIfUnsupportedFile	4	0.004	0.003	
HasPropertiesAsNVPairs>getParserByClass	9	0.004	0.004	
validateNVPairs	9	0.004	0.003	
YZProcessing10_4thround>(parfor supply)	72	0.004	0.004	

validateLineIntervals	18	0.004	0.004	
isStringScalar	70	0.004	0.004	
PointerMixin>PointerMixin.setPointerStrategy	6	0.004	0.002	
FastVarOpts>FastVarOpts.fixSelection	18	0.004	0.004	
interp1q>linformula	55	0.004	0.004	
CategoricalRuler>CategoricalRuler.CategoricalRuler	6	0.004	0.003	
ReadCell>ReadCell.getExtensions	9	0.004	0.001	
FunctionStore>FunctionStore.getFunctionByName	9	0.004	0.001	
fullfile>ensureTrailingFilesep	27	0.004	0.001	
FilePath>FilePath.get.Exists	12	0.004	0.004	
ArgumentParser>ArgumentParser.checkAlias	18	0.004	0.004	
...tter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfoMode	12	0.003	0.003	
CategoricalRuler>CategoricalRuler.makeNumeric	6	0.003	0.002	
attributes>valueAttributor	64	0.003	0.002	
Channel>Channel.postInit	4	0.003	0.003	
DetectImportOptionsText>DetectImportOptionsText.setFileProps	9	0.003	0.003	
preprocessextents	6	0.003	0.003	
AnnotationPane,AnnotationPane>AnnotationPane.setParentImpl	12	0.003	0.003	
...amesInput>PreserveVariableNamesInput.set.VariableNamingRule	9	0.003	0.002	
FilePath>FilePath.get.Readable	4	0.003	0.003	
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	111	0.003	0.003	
isCharVector	112	0.003	0.003	
TextInteractions>TextInteractions.createAndRegisterTextControl	15	0.003	0.002	
DetectImportOptions>getSuppliedProperties	18	0.003	0.003	
PostUpdatePlugin>isAxesToolBarExcluded	6	0.003	0.003	
audioread>validateRange	4	0.003	0.002	
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	13	0.003	0.003	
FilePath>FilePath.get.Absolute	4	0.003	0.002	
SerializationNotifier>SerializationNotifier.createSerializationListener	6	0.003	0.002	
remoteparfor>remoteparfor.getDispatchSizes	6	0.003	0.002	
DetectImportOptions>DetectImportOptions.set.NumHeaderLines	9	0.003	0.002	
updateSelectionHandle	6	0.003	0.003	
istimetable	548	0.003	0.003	
attributes>findSupportedAttr	64	0.003	0.003	
ismissingKernel>arraySwitch	11	0.003	0.003	
partialMatchString	52	0.003	0.003	
newplot>ObserveAxesNextPlot	6	0.003	0.003	
graph2d\private\labelcheck	6	0.003	0.003	
...taFromDetection>TableMetaDataFromDetection.setMetaLocations	9	0.003	0.003	
remoteparfor>remoteparfor.drainIntervals	6	0.003	0.002	
Scatter,Scatter>Scatter.set.MarkerFaceColor	6	0.003	0.002	
...Scatter,AbstractScatter>AbstractScatter.set.MarkerEdgeColorMode	6	0.003	0.002	
...catter,AbstractScatter>AbstractScatter.set.MarkerEdgeAlphaMode	6	0.003	0.002	
istabular	367	0.003	0.003	
ImportOptions.ImportOptions>ImportOptions.useGeneratedNames	18	0.003	0.003	

YZProcessing04_tdoa>(parfor consume)	72	0.003	0.003	
Scatter,Scatter>Scatter.set,MarkerFaceAlpha	6	0.003	0.002	
AbstractScatter,AbstractScatter>AbstractScatter.get,YJitter	12	0.003	0.002	
AcceptsFileType>AcceptsFileType.getExtensions	9	0.003	0.001	
hggetbehavior>localPeek	12	0.003	0.003	
YZProcessing06_2ndround>(parfor consume)	72	0.003	0.003	
validateFileName>localUnique	18	0.003	0.003	
mean>mysize	143	0.003	0.003	
AbstractScatter,AbstractScatter>AbstractScatter.get,XJitter	12	0.003	0.002	
Scatter.getCleanData	6	0.003	0.003	
TextInputs>TextInputs.set.VariableNamesLine	9	0.003	0.002	
...stractScatter,AbstractScatter>AbstractScatter.get,MarkerEdgeAlpha	26	0.003	0.002	
...lusterPool,AbstractClusterPool>AbstractClusterPool.get,Connected	12	0.003	0.001	
fullfile>fixIRI	18	0.003	0.003	
Channel>Channel.preOpen	4	0.003	0.003	
AbstractScatter,AbstractScatter>AbstractScatter.get,ZJitter	12	0.002	0.002	
readcell>@()func.WorkSheet.clear()	9	0.002	0.002	
FunctionStore>accessMap	9	0.002	0.002	
makeUniqueStrings>validateExclStrOrElemToChk	27	0.002	0.002	
checkInputName	55	0.002	0.002	
FigureUtils>FigureUtils.isEditorSnapshotFigure	13	0.002	0.002	
AbstractScatter,AbstractScatter>AbstractScatter.get,Jitter	6	0.002	0.002	
datachk	12	0.002	0.002	
ArrayBuilder>ArrayBuilder.shapedata	9	0.002	0.002	
categorical.parenReference	2	0.002	0.002	
fullfile>addTrailingFileSep	27	0.002	0.002	
convertStringToCharArgs	12	0.002	0.002	
Channel>Channel.postClose	4	0.002	0.002	
...ns>DetectImportOptionsFileExtensions.getFileTypeFromExtension	9	0.002	0.002	
RemoteToLocal>RemoteToLocal.RemoteToLocal	4	0.002	0.002	
YZProcessing08_3rdround>(parfor consume)	72	0.002	0.002	
strfun/private/isTextStrict	90	0.002	0.002	
FilePath>FilePath.set,Extension	4	0.002	0.002	
ImportOptions.ImportOptions>ImportOptions.setUnboundedSelection	9	0.002	0.002	
Channel>Channel.lock	4	0.002	0.001	
ReadCellText>checkWrongParamsWrongType	9	0.002	0.001	
isCharString	63	0.002	0.002	
CategoricalRuler>CategoricalRuler.doStretchLimits	13	0.002	0.002	
DelimitedTextInputs>DelimitedTextInputs.set.TrailingDelimitersRule	9	0.002	0.001	
.bstractScatter,AbstractScatter>AbstractScatter.get,MarkerEdgeColor	12	0.002	0.002	
AnnotationPane,AnnotationPane>AnnotationPane.addChild	12	0.002	0.002	
remoteparfor>iErrorCheckPool	6	0.002	0.001	
categorical.categorical>isNVpair	10	0.002	0.002	
...descriptorBehavior>DataDescriptorBehavior.DataDescriptorBehavior	6	0.002	0.001	
Stream>Stream.isSupported	8	0.002	0.002	

TextDataReader>TextDataReader.initRowNames	9	0.002	0.002	
ArrayBuilder>ArrayBuilder.ArrayBuilder	9	0.002	0.001	
ExecutableFunction>ExecutableFunction.get.NumRequired	18	0.002	0.001	
Stream>Stream.addFilter	4	0.002	0.002	
com.mathworks.hg.util.DeferToldleState.execute (Java method)	6	0.002	0.002	
parseCData	6	0.002	0.002	
rmMissingOutliers>reduceSize	116	0.002	0.002	
strfun\private\convertStringToOriginalTextType	63	0.002	0.002	
parallel\private\dctSchedulerMessageHandler	18	0.002	0.002	
RemoteToLocal>RemoteToLocal.delete	4	0.002	0.001	
rmMissingOutliers>cumputeIndex	116	0.002	0.002	
PrintBehavior>PrintBehavior.PrintBehavior	6	0.002	0.001	
Channel>Channel.isOpen	12	0.002	0.002	
...deStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	6	0.002	0.001	
...eStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	6	0.002	0.001	
Builder>Builder.removeOmittedRowsAndVars	18	0.002	0.002	
Scatter.Scatter>@(obj,evd)(hObj,sendDataChangedEvent)	24	0.002	0.002	
repmat>checkSizesType	205	0.002	0.002	
parallel_function>results	6	0.002	0.002	
ImportOptions.ImportOptions>ImportOptions.get.selectedIDs	9	0.002	0.001	
serializationProfiling	6	0.002	0.002	
DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup	12	0.002	0.002	
isInvalidInLogScale>basicImpl	14	0.002	0.002	
incrementParallelFunctionDepth	12	0.002	0.002	
parallel_function>PCTInstalled	6	0.002	0.001	
newplot>ObserveFigureNextPlot	6	0.001	0.001	
scatter>Lcchk	6	0.001	0.001	
FastVarOpts>FastVarOpts.numVars	36	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.BrushHandles	6	0.001	0.001	
Stream>Stream.delete	8	0.001	0.001	
...bleNamesInput>PreserveVariableNamesInput.validateNamingRule	9	0.001	0.001	
TextInteractions>TextInteractions.getCanvas	15	0.001	0.001	
categorical.countcats	1	0.001	0.001	
TextInputs>TextInputs.TextInputs	9	0.001	0.001	
PrintBehavior>PrintBehavior.dosupport	6	0.001	0.001	
deal	6	0.001	0.001	
FileExtensions>FileExtensions.getExtensionsFromType	9	0.001	0.001	
assertNoTableInputs	9	0.001	0.001	
audioread>validateRangeWithTotalSamples	4	0.001	0.001	
DetectImportOptionsText>DetectImportOptionsText.setVarNames	9	0.001	0.001	
ChildEventData>ChildEventData.ChildEventData	6	0.001	0.001	
Engine>Engine.Engine	6	0.001	0.001	
usejava	12	0.001	0.001	
...(x,'string')&&isscalar(x)&&~ismissing(x)) (ischar(x)&&size(x,1)<=1)	64	0.001	0.001	

Channel>Channel.preTerm	4	0.001	0.001	
categorical.categorical>categorical.castCodes	14	0.001	0.001	
FastVarOpts>FastVarOpts.get.Types	36	0.001	0.001	
getJavaFutureInterruptibly>@()future.cancel(true)	6	0.001	0.001	
ToolbarFactory>ToolbarFactory.getInstance	6	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.JitterDirty_I	24	0.001	0.001	
blanks	22	0.001	0.001	
PluginManager>PluginManager.getInstance	12	0.001	0.001	
pwd	38	0.001	0.001	
...ctScatter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfo	12	0.001	0.001	
remoteparfor>remoteparfor.rangeDivided	6	0.001	0.001	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	13	0.001	0.001	
PostUpdatePlugin>localGetCanvasContainingAncestor	6	0.001	0.001	
Channel>Channel.updateAndFetchLockCount	8	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	36	0.001	0.001	
isScalarText	62	0.001	0.001	
Scatter,Scatter>Scatter.get.MarkerFaceAlpha	26	0.001	0.001	
DetectImportOptionsText>checkDelimitedFixedWidthWrongParams	9	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.CData_I	18	0.001	0.001	
+file\private\mexAudioPluginManager (MEX-file)	4	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.Clipping_I	18	0.001	0.001	
InteractionContainer>InteractionContainer.get.Enabled	13	0.001	0.001	
fullfile>@(x)~iscell(x)&&isempty(x)	18	0.001	0.001	
ScribeLayer,ScribeLayer>ScribeLayer.checkValidity	6	0.001	0.001	
TextInputs>TextInputs.setUnescapedWhitespace	9	0.001	0.001	
SerializationNotifier>SerializationNotifier.getInstance	6	0.001	0.001	
...ractScatter,AbstractScatter>AbstractScatter.get.MarkerEdgeColor_I	18	0.001	0.001	
DataDescriptorBehavior>DataDescriptorBehavior.dosupport	6	0.001	0.001	
isPublishingTest	25	0.001	0.001	
checkvppairs	6	0.001	0.001	
remoteparfor>remoteparfor.maxBacklog	6	0.001	0.001	
colon_range_check>integer_range_overflow_check	6	0.001	0.001	
InputStream>InputStream.readPartialPacket	4	0.001	0.001	
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	6	0.001	0.001	
categorical.double	6	0.001	0.001	
..._Scatter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfo_I	24	0.001	0.001	
categorical.isempty	22	0.001	0.001	
...actScatter,AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha_I	32	0.001	0.001	
validateNVPairs>isNonEmptyScalarText	9	0.001	0.001	
var>mysize	54	0.001	0.001	
remoteparfor>remoteparfor.initialDispatchFactor	6	0.001	0.001	
Engine>Engine.numIntervalsFactor	6	0.001	0.001	
xyzline>parseLineStyle	2	0.001	0.001	
generateArgumentDescriptor>isCharOrString	192	0.001	0.001	
...ckManager,ScribeStackManager>ScribeStackManager.getInstance	6	0.001	0.001	

UsesWorksheet>UsesWorksheet.clear	9	0.001	0.001	
categorical.numel	6	0.001	0.001	
...ClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession	12	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.CDataMode	20	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.SelectionHandle	30	0.001	0.001	
PoolOptions>ilsValidMaxNumWorkers	6	0.001	0.001	
ArgumentParser>matchPartial	18	0.001	0.001	
FastVarOpts>FastVarOpts.setVarOpts	36	0.001	0.001	
mustBeValidGraphicsObject	6	0.001	0.001	
HGBehavior>HGBehavior.HGBehavior	12	0.001	0.001	
Scatter.Scatter>Scatter.get.MarkerFaceColor	12	0.001	0.001	
AcceptsReadableFilename>AcceptsReadableFilename.get.Filename	45	0.001	0.001	
...el_function>@()matlab.internal.incrementParallelFunctionDepth(-1)	6	0.001	0.001	
...esInput>PreserveVariableNamesInput.get.PreserveVariableNames	9	0.001	0.001	
...ntLine.ConstantLine>mustBeFiniteNumericDateTimeOrCategorical	2	0.001	0.001	
...b.graphics.illustration.ColorBar') isa(obj,'matlab.ui.control.UIAxes')	118	0.001	0.001	
CategoricalRuler>categoriesInRealOrder	6	0.001	0.001	
TextDataReader>updateDatelines	9	0.001	0.001	
ScribeLayer,ScribeLayer>ScribeLayer.findCanvas	6	0.001	0.001	
isPCTInstalled	6	0.001	0.001	
DetectImportOptions>validateScalarInt	9	0.001	0.001	
InputStream>InputStream.clearPartialPacket	4	0.001	0.001	
Channel>Channel.unlock	4	0.001	0.001	
mustBeNonnegative	9	0.001	0.001	
TextInputs>validateLineNumber	9	0.001	0.001	
validateLogical	16	0.001	0.001	
MessageHandler>MessageHandler.MessageHandler	4	0.001	0.001	
endpoint_check	12	0.001	0.001	
categorical.categories	21	0.001	0.001	
isdatetime	116	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.Jitter_I	6	0.001	0.001	
Scatter.mapSize	6	0.001	0.001	
Options>Options.Options	6	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.XJitter_I	12	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.LineWidth_I	12	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerOrder	6	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.YJitter_I	12	0.001	0.001	
RemoteToLocal>RemoteToLocal.deleteIfLocalCopy	4	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.delete	12	0.001	0.001	
categorical.length	12	0.001	0.001	
range_step_check	6	0.001	0.001	
DelimitedTextInputs>DelimitedTextInputs.get.UnescapedDelimiter	9	0.001	0.001	
...tter.AbstractScatter>AbstractScatter.get.CurrentIconColorInfoMode	12	0.001	0.001	
Scatter.Scatter>Scatter.set.MarkerFaceColorMode	6	0.001	0.001	
AbstractScatter.AbstractScatter>AbstractScatter.get.ZJitter_I	12	0.001	0.001	

Scatter.Scatter>Scatter.get.SizeData	6	0.001	0.001	
Scatter.Scatter>Scatter.set.MarkerFaceAlphaMode	6	0.001	0.001	
TextInputs>TextInputs.getUnescapedWhitespace	9	0.001	0.001	
isduration	116	0.001	0.001	
...ractScatter,AbstractScatter>AbstractScatter.set.CurrentIconColorInfo_I	6	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.set.CData_I	6	0.001	0.001	
categorical.categorical>categorical.isordinal	10	0.001	0.001	
remoteparfor>remoteparfor.getNumWorkers	6	0.001	0.001	
xyzline>validateData	2	0.001	0.001	
...ractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeColor_I	6	0.001	0.001	
PluginManager>PluginManager.errorIfFile	12	0.001	0.001	
...actScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha_I	6	0.001	0.001	
...catter,AbstractScatter>AbstractScatter.get.MarkerEdgeColorMode	6	0.001	0.001	
Engine>iClamp	30	0.001	0.001	
PluginManager>PluginManager.handlePluginError	4	0.001	0.001	
...catter,AbstractScatter>AbstractScatter.get.MarkerEdgeAlphaMode	6	0.001	0.001	
AbstractScatter,AbstractScatter>AbstractScatter.get.BrushHandles_I	6	0.001	0.001	
DisarmableOncleanup>DisarmableOncleanup.disarm	12	0.001	0.001	
parenReference_1D	2	0.001	0.001	
mustBeNumericOrLogical	9	0.001	0.001	
hasDisplay	12	0.000	0.000	
isFigureShowEnabled	12	0.000	0.000	
missing>missing.missing	9	0.000	0.000	
remoteparfor>iClamp	6	0.000	0.000	
...sNVPairs>HasPropertiesAsNVPairs.assertNoAdditionalParameters	9	0.000	0.000	
...tiesAsNVPairs>HasPropertiesAsNVPairs,HasPropertiesAsNVPairs	9	0.000	0.000	
DataReader>DataReader.DataReader	9	0.000	0.000	
IconColorInfoCache>IconColorInfoCache.IconColorInfoCache	12	0.000	0.000	
Builder>Builder.Builder	9	0.000	0.000	
...nNotifier>SerializationNotifier.createAccumulatingListener/nGetList	6	0.000	0.000	
PointerMixin>PointerMixin.PointerMixin	6	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	
...sInput>PreserveVariableNamesInput.PreserveVariableNamesInput	9	0.000	0.000	
PointerModeStrategy>PointerModeStrategy.PointerModeStrategy	6	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy	6	0.000	0.000	
supportedTypeNames	18	0.000	0.000	
ReadCell>ReadCell.usingRequired	27	0.000	0.000	
run>@(()())	11	0.000	0.000	
CategoricalRuler>CategoricalRuler.allowTickLabelThinning	20	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.