Profile Summary (Total time: 118.643 s)

Generated 18-Jul-2023 00:50:47 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
main	1	118.474	0.002	
<u>run</u>	7	118.473	0.128	
parallel_function	4	114.271	0.033	
parallel_function>distributed_execution	4	114.092	0.052	
remoteparfor>remoteparfor,getCompleteIntervals	76	113.677	0.248	
java.util.concurrent.LinkedBlockingQueue (Java method)	374	111.985	111.985	
YZProcessing08_3rdround	1	63.902	0.192	
YZProcessing04_tdoa	1	28.826	0.175	
YZProcessing06_2ndround	1	20.159	0.157	
Statistics_accuracy_calculation	1	3.469	0.414	1
YZProcessing05_statistics_remoutlier	1	1.380	0.326	I
remoteparfor>remoteparfor.displayOutput	370	1.272	0.072	
remoteparfor>iDisplayStringArray	125	1.254	0.025	I
remoteparfor>@(msg)fprintf(1,'%s',char(msg))	50	1.229	1.229	I
readcell	5	0.893	0.010	I
ExecutableFunction>ExecutableFunction,validateAndExecute	5	0.877	0.007	I
ReadCell>ReadCell.execute	5	0.677	0.015	I
scatter	8	0.442	0.049	
ReadCellWithImportOptions>ReadCellWithImportOptions.execute	5	0.389	0.006	
YZProcessing07_2ndroundstatistics	1	0.288	0.160	
YZProcessing09_3rdroundstatistics	1	0.287	0.165	
ylabel	8	0.272	0.166	
ReadCellText>ReadCellText,execute	5	0.272	0.006	
DetectImportOptions>DetectImportOptions.execute	5	0.270	0.010	
DetectImportOptionsText>DetectImportOptionsText.execute	5	0.251	0.005	
hold	8	0.242	0.055	
DetectImportOptionsText>DetectImportOptionsText.getTextOpts	5	0.238	0.005	
$ \underline{mportOptionsText} > \underline{DetectImportOptionsText}, \underline{getOptsFromDetection}$	5	0.226	0.056	
ReadCell>ReadCell.validate	5	0.188	0.004	
audioread	2	0.188	0.005	
configureAxes	12	0.184	0.011	
DetectImportOptions>DetectImportOptions.validate	5	0.184	0.007	
remoteparfor>remoteparfor.addInterval	288	0.182	0.045	
TextDataReader>TextDataReader.read	5	0.182	0.016	
audioread>readaudio	2	0.180	0.023	
yline	4	0.170	0.002	
xyzline	4	0.168	0.046	
CellBuilder>CellBuilder.build	5	0.158	0.008	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	8	0.150	0.012	
categorical.categorical>categorical.categorical	11	0.150	0.051	

remoteparfor>remoteparfor.deserialize	288	0.146	0.039	
configureRuler	24	0.131	0.026	
ExecutableFunction>ExecutableFunction.validate	5	0.118	0.003	
ExecutableFunction>ExecutableFunction,validateArguments	5	0.115	0.015	
deserialize	288	0.107	0.070	
CanvasSetup>CanvasSetup.createScribeLayers	8	0.102	0.005	
tackManager.ScribeStackManager>ScribeStackManager.getLayer	32	0.101	0.009	
AbstractScatter.doUpdate	8	0.098	0.065	
CellBuilder>CellBuilder.convertcells	5	0.095	0.012	
ismember	34	0.095	0.021	
remoteparfor>remoteparfor.complete	4	0.093	0.004	
rmoutliers	8	0.092	0.003	
parallel_function>@(initData,F)createEngine(M,initData,F)	4	0.090	0.001	
PoolOptions>PoolOptions.createEngine	4	0.089	0.003	
remoteparfor>remoteparfor.awaitCompletionDisplayingOutput	4	0.089	0.006	
rmMissingOutliers	8	0.089	0.006	
Scatter.Scatter>Scatter.Scatter	8	0.088	0.002	
ImportOptions.ImportOptions>ImportOptions.setvartype	5	0.087	0.006	
ckManager.ScribeStackManager>ScribeStackManager.createLayer	24	0.087	0.023	
remoteparfor>remoteparfor.remoteparfor	4	0.086	0.009	
toolbox.distcomp.pmode.parfor.ParforControllerImpl (Java method)	437	0.084	0.084	
TextDataReader>TextDataReader,TextDataReader	5	0.082	0.009	
remoteparfor>remoteparfor.serialize	292	0.080	0.007	
str2double	2125	0.079	0.079	
FastVarOpts>FastVarOpts.setTypes	15	0.079	0.014	
AbstractScatter.AbstractScatter>AbstractScatter.AbstractScatter	8	0.076	0.024	
ismember>ismemberR2012a	34	0.074	0.018	
serialize	292	0.073	0.014	
remoteparfor>remoteparfor,buildParforController	4	0.072	0.018	
AcceptsReadableFilename>AcceptsReadableFilename.set.Filename	5	0.069	0.003	
rmMissingOutliers>applyFun	8	0.068	0.003	
tsReadableFilename>AcceptsReadableFilename.validateFilename	5	0.066	0.005	
InputStream>InputStream.read	2	0.065	0.018	
isoutlier	8	0.065	0.009	
TextDataReader>TextDataReader.initTextParser	5	0.064	0.009	
CategoricalRuler>CategoricalRuler,convertNumericLimits	4	0.058	0.001	
CategoricalRuler>CategoricalRuler.makeNonNumericLimits	4	0.057	0.003	
cell.ismember	19	0.056	0.021	
cell.unique	60	0.055	0.024	
CategoricalRuler>CategoricalRuler.addData	12	0.055	0.004	
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	0.050	0.020	
validateFileName	5	0.048	0.009	

nggetbehavior	16	0.046	0.003	
nputStream>InputStream.readPackets	6	0.046	0.046	
AbstractScatter,getXYZDataExtents	8	0.046	0.014	
unique	19	0.045	0.020	
nggetbehavior>localGet	16	0.043	0.012	
validatestring>checkString	24	0.042	0.012	
AcceptsFileType>AcceptsFileType.set.FileType	5	0.041	0.004	
configureAxes>checkChildren	12	0.041	0.006	
smember>ismemberClassTypes	6	0.040	0.014	
ullfile	15	0.040	0.015	
categorical.removecats	8	0.039	0.008	
DelimitedTextImportOptions>DelimitedTextImportOptions,getParser	5	0.039	0.014	
distcompserialize64 (MEX-file)	292	0.037	0.037	
Scatter.Scatter>Scatter.doSetup	16	0.035	0.022	
detectTypes	5	0.034	0.015	
xesInteractions>UnifiedAxesInteractions,createDefaultInteractions	18	0.034	0.013	
datafun\private\locateoutliers	8	0.034	0.012	
Channel>Channel.Channel	2	0.033	0.015	
makeNumeric	16	0.031	0.008	
ConstantLine.ConstantLine>ConstantLine.doUpdate	4	0.031	0.021	
cell.setdiff	5	0.030	0.003	
getJavaFutureInterruptibly	4	0.030	0.012	
attributes	7	0.030	0.005	
configureAxes>checkDim	24	0.028	0.013	
cell.unique>celluniqueR2012a	60	0.028	0.028	
ToolbarFactory>ToolbarFactory.getToolbar	8	0.028	0.002	
$\dots \underline{rtOptions} \\ \verb -DelimitedTextImportOptions.DelimitedTextImportOptions \\$	5	0.028	0.005	
cell.setdiff>cellsetdiffR2012a	5	0.027	0.008	
er.DesktopToolbarController>DesktopToolbarController.getInstance	8	0.027	0.002	
mportOptions.lmportOptions>ImportOptions.get.VariableNames	10	0.026	0.002	
ngbehaviorfactory	16	0.026	0.002	
FastVarOpts>FastVarOpts.get.Names	15	0.026	0.004	
unescape	30	0.026	0.014	
<u>parseplotapi</u>	8	0.026	0.004	
DelimitedTextInputs>DelimitedTextInputs.set,Delimiter	10	0.026	0.005	
setxor	2	0.025	0.002	
parallel_function>distributed_execution/consume_reduce	288	0.025	0.010	
unique>uniqueR2012a	19	0.025	0.025	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	16	0.025	0.005	
lbarController>DesktopToolbarController,DesktopToolbarController	8	0.024	0.004	
ngbehaviorfactory>localCreate	16	0.024	0.009	
setxor>setxorR2012a	2	0.023	0.006	
axescheck	20	0.023	0.013	
distcompMakeByteBufferHandles (MEX-file)	292	0.022	0.022	

arraytolimits soutlier>parseinput	8	0.022	0.004
	10	0.021	0.012
mode.parfor.ParforControllerImpl\$IntervalResultImpl (Java method)	864	0.021	0.021
scatter>parseargs	8	0.021	0.007
parforOptions	4	0.021	0.002
distcompdeserialize (MEX-file)	288	0.021	0.021
ileparts	33	0.020	0.009
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	16	0.020	0.018
ConstantLine.ConstantLine>ConstantLine.ConstantLine	4	0.019	0.015
scatter>localGetAxesInfo	8	0.019	0.003
validateAndEscapeCellStrings	25	0.019	0.009
smember>ismemberBuiltinTypes	34	0.019	0.019
PoolOptions>PoolOptions.build	4	0.018	0.003
ExecutableFunction>ExecutableFunction.obj2struct	5	0.018	0.009
mean_	149	0.018	0.016
<u>strcat</u>	14	0.018	0.017
makeUniqueStrings	15	0.018	0.007
arraytolimits>localGetLimits	36	0.018	0.018
ArrayBuilder>ArrayBuilder,build	5	0.018	0.007
works.toolbox.distcomp.pmode.DrainableOutputImpl (Java method)	125	0.018	0.018
absolutePathForReading	2	0.017	0.005
newplot	8	0.016	0.006
Statistics_accuracy_calculation>(parfor supply)	72	0.016	0.013
tackManager.ScribeStackManager>ScribeStackManager.findLayer	152	0.016	0.016
FastVarOpts>FastVarOpts.FastVarOpts	5	0.015	0.010
AcceptsFileType>AcceptsFileType.getFileTypeFirst	5	0.015	0.004
getChildrenForRuler	24	0.015	0.015
barController.ToolbarController>ToolbarController.ToolbarController	8	0.015	0.012
CategoricalRuler>CategoricalRuler.computeLabels	28	0.015	0.012
AbstractScatter.getColorAlphaDataExtents	20	0.014	0.011
PoolOptions>PoolOptions.PoolOptions	4	0.014	0.008
YZProcessing08_3rdround>(parfor supply)	72	0.014	0.013
PostUpdatePlugin>@(sourceObj,evtData)obj,cacheLoad(sourceObj)	8	0.014	0.001
cell.strcat	5	0.014	0.011
HasPropertiesAsNVPairs>HasPropertiesAsNVPairs.parseInputs	5	0.014	0.011
datafun\private\datafuniqr	2	0.014	0.003
getJavaFutureResult	4	0.014	0.002
Engine>Engine.divideRangeIntoIntervals	4	0.013	0.003
rmMissingOutliers>parseInputs	8	0.013	0.006
<u>mode</u>	10	0.013	0.013
DelimitedTextInputs>DelimitedTextInputs.get.Delimiter	10	0.013	0.003
DetectImportOptionsText>DetectImportOptionsText.setHexType	5	0.013	0.008
getRulersForChild	16	0.013	0.008
ArgumentParser>ArgumentParser.canonicalizeNames	10	0.013	0.009

PostUpdatePlugin>PostUpdatePlugin.cacheLoad	8	0.013	0.006
s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	18	0.013	0.004
ctScatter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfo	16	0.012	0.007
ismissing	12	0.012	0.003
<u>parseArgs</u>	11	0.012	0.012
YZProcessing04_tdoa>(parfor supply)	72	0.012	0.010
<u>gobjects</u>	82	0.012	0.012
YZProcessing06_2ndround>(parfor supply)	72	0.012	0.011
TextInputs>TextInputs.get.LineEnding	10	0.012	0.002
attributes>checkAttrs	7	0.012	0.006
java.util.concurrent.FutureTask (Java method)	8	0.012	0.012
hgbehaviorfactory>localGetBehaviorInfo	16	0.012	0.012
pctTryCreatePoolIfNecessary	4	0.011	0.003
ConstantLine.ConstantLine>ConstantLine.getXYZDataExtents	4	0.011	0.003
parseparams	8	0.011	0.007
AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerHandle	8	0.011	0.002
fileparts>legacyPCExecution	33	0.011	0.011
audioread>@()delete(durationListener)	2	0.011	0.002
repmat	59	0.011	0.009
makeNumeric>numericDim	32	0.010	0.007
distcompByteBufferHandles2MxArray (MEX-file)	288	0.010	0.010
attributes>checkInputs	7	0.010	0.003
CategoricalRuler>CategoricalRuler.doChooseMajorTickValues	38	0.010	0.008
datafun\private\datafuniqr>iqrImpI	2	0.010	0.003
Scatter,Scatter>@(~,~)set(hObj,'JitterDirty_I','on')	32	0.010	0.009
axescheck>@(x)(isStringScalar(x)) ischar(x))&&strcmpi('parent',x)	96	0.010	0.006
AbstractScatter.cacheLegendlconColors	8	0.010	0.009
std	108	0.009	0.002
tter.AbstractScatter>AbstractScatter.setMarkerHandleFanoutProps	8	0.009	0.008
ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	8	0.009	0.001
ismissingKernel	12	0.009	0.006
Channel>Channel.delete	2	0.009	0.006
bstractScatter.AbstractScatter>AbstractScatter.set.MarkerEdgeColor	8	0.009	0.005
Engine>divide_biharmonic	4	0.009	0.008
@categorical\private\checkCategoryNames	13	0.009	0.008
stractScatter,AbstractScatter>AbstractScatter,set,MarkerEdgeAlpha	8	0.009	0.004
PoolArrayManager>PoolArrayManager,getOrAutoCreateWithCleanup	4	0.009	0.002
stractScatter,AbstractScatter>AbstractScatter,set,MarkerHandleNaN	8	0.009	0.002
<u>objArrayDispatch</u>	18	0.009	0.006
makeUniqueStrings>makeUnique	15	0.009	0.009
validateAndEscapeCellStrings>escape	30	0.008	0.003
categorical.reordercats	1	0.008	0.005
<u>rtOptions_TextImportOptions>TextImportOptions_TextImportOptions</u>	5	0.008	0.002
dAxesInteractions>UnifiedAxesInteractions,queuedAxesOperations	26	0.008	0.008
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	8	0.008	0.006

ArgumentParser>ArgumentParser,extractArgs	5	0.008	800.0
replace	35	0.008	0.005
$ \underline{tesian Axes Interaction Container. Cartesian Axes Interaction Container}$	8	0.008	0.001
Stream>Stream	4	0.008	0.006
InputStream>InputStream.InputStream	2	0.008	0.002
<u>DetectImportOptionsText>DetectImportOptionsText.setBinaryType</u>	5	0.008	0.006
interp1q	2	0.008	0.005
ackManager.ScribeStackManager>ScribeStackManager.hasLayers	24	0.007	0.003
PluginManager>PluginManager.getPluginForRead	2	0.007	0.002
rmMissingOutliersVarargin	8	0.007	0.005
itedTextInputs>DelimitedTextInputs.set.ConsecutiveDelimitersRule	5	0.007	0.001
AbstractScatter>AbstractScatter.setMarkerHandleNaNFanoutProps	8	0.007	0.007
PoolArrayManager>iManipulatePoolArray	4	0.007	0.004
var	108	0,007	0,006
generateArgumentDescriptor	7	0.007	0,006
audioread>@()channel.close()	2	0.007	0.001
SerializationNotifier>SerializationNotifier.createAccumulatingListener	4	0.007	0.004
colon range check	4	0.007	0,005
andardAxesInteractionContainer.StandardAxesInteractionContainer		0.007	0,001
nextstyle	8	0.007	0,007
Channel>Channel.open	2	0.007	0.003
fullfile>refinePath	15	0.007	0.005
stractScatter.AbstractScatter>AbstractScatter.set,SelectionHandle	8	0.007	0.002
DetectImportOptions>DetectImportOptions.setVariableProps	5	0.007	0.004
PostUpdatePluqin>PostUpdatePluqin.PostUpdatePluqin	8	0.007	0.006
Builder>Builder,getBuilder	5	0.006	0.002
usev6plotapi	8	0.006	0.006
m.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)	288	0.006	0.006
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getRealData		0.006	0.006
configureAxes>classcheck	24	0.006	0.006
TextInputs>TextInputs.set.DataLines	10	0.006	0.002
ctorHelper	28	0.006	0.005
iner>BaseAxesInteractionContainer.BaseAxesInteractionContainer	8	0.006	0.001
<u>Channel>Channel.close</u>	2	0.006	0.003
<u>DetectImportOptionsText>DetectImportOptionsText.removeBOM</u>	5	0.006	0.005
terPool.AbstractClusterPool>AbstractClusterPool.get.NumWorkers	4	0.005	0.003
scatter>Lxychk	8	0.005	0.004
Statistics_accuracy_calculation>(parfor consume)	72	0.005	0.005
esInput>PreserveVariableNamesInput.set.PreserveVariableNames	5	0.005	0.002
<u>categorical.parenAssign</u>	8	0.005	0.005
unescape>unescapestring	45	0.005	0.005
median	12	0.005	0.005
FilePath>FilePath.FilePath	2	0.005	0.003
FastVarOpts>getOptsStructWithDefaults	13	0.005	0.005

AbstractScatter>AbstractScatter.setSelectionHandle_IFanoutProns isCellOfCharVectors	45	0.005	0.005
audioread>validateDataType	2	0.005	0.001
markFigure	10	0.005	0.005
CategoricalRuler>CategoricalRuler.roundNumeric	70	0.005	0.005
ImportOptions.ImportOptions>ImportOptions.ImportOptions	5	0.005	0.003
calculateEdgeVertexData	4	0.005	0.002
DetectImportOptionsText>checkWrongParamsWrongType	5	0.005	0.001
remoteparfor>iTimeUnitSeconds	80	0.005	0.005
remoteparfor>remoteparfor.delete	4	0.005	0.002
isInvalidInLogScale	20	0.005	0.003
TextInputs>TextInputs.get.CommentStyle	5	0.005	0.001
sliced fcnhdl check	11	0.005	0.005
	31	0.005	0.005
cellstr			
InteractionContainer>InteractionContainer.InteractionContainer	8	0.005	0.004
isCharOrString .	114	0.004	0.004
box	2	0.004	0.004
lusterPool.AbstractClusterPool>AbstractClusterPool.hGetIsUsable	12	0.004	0.004
<u>istable</u>	653	0.004	0.004
CellBuilder>CellBuilder,CellBuilder	5	0.004	0.002
tlmportOptionsText>DetectImportOptionsText,setTextFileProperties	5	0.004	0.003
compose	15	0.004	0.003
isStringScalar	96	0.004	0.004
<u>dctSchedulerMessage</u>	12	0.004	0.003
<u>tter,AbstractScatter>AbstractScatter,set,CurrentIconColorInfoMode</u>	16	0.004	0.003
CategoricalRuler>CategoricalRuler,CategoricalRuler	8	0.004	0.003
AnnotationPane,AnnotationPane>AnnotationPane,setParentImpl	16	0.004	0.004
num2cell	5	0.004	0.004
PointerMixin>PointerMixin.setPointerStrategy	8	0.004	0.002
),A,'scalartext',fname,'expectedScalartext',msgld,argname,argpos)	7	0.004	0.001
TextInputs>TextInputs.get.Whitespace	5	0.004	0.001
OutputStream>OutputStream.OutputStream	2	0.004	0.001
remoteparfor>remoteparfor.allIntervalsAdded	4	0.004	0.003
YZProcessing04_tdoa>(parfor consume)	72	0.004	0.004
AbstractScatter.AbstractScatter>AbstractScatter.get.XJitter	16	0.004	0.003
<u>validateAndEscapeStrings</u>	5	0.004	0.001
PluginManager>PluginManager.errorlfUnsupportedFile	2	0.004	0.003
validateNVPairs	5	0.004	0.003
CategoricalRuler>CategoricalRuler.makeNumeric	8	0.004	0.003
assertUnsupportedParamsForFileType	10	0.004	0.004
detectTypes>getDominantType	5	0.004	0.003
FastVarOpts>FastVarOpts.fixSelection	10	0.004	0.004
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	18	0.004	0.004
<u>preprocessextents</u>	8	0.004	0.004
YZProcessing06_2ndround>(parfor consume)	72	0.004	0.004
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validatestring>checkInputs	24	0.004	0.004
TextInteractions>TextInteractions,createAndRegisterTextControl	22	0.004	0.002
EncodingInput>EncodingInput.set.Encoding	10	0.003	0.003
<u>validateLineIntervals</u>	10	0.003	0.003
ReadCell>ReadCell.getExtensions	5	0.003	0.001
AbstractScatter.AbstractScatter>AbstractScatter.get.YJitter	16	0.003	0.002
FunctionStore>FunctionStore.getFunctionByName	5	0.003	0.001
PostUpdatePlugin>isAxesToolbarExcluded	8	0.003	0.003
Scatter.Scatter>Scatter.set.MarkerFaceColor	8	0.003	0.003
fullfile>ensureTrailingFilesep	15	0.003	0.001
Scatter.Scatter>Scatter.set.MarkerFaceAlpha	8	0.003	0.003
newplot>ObserveAxesNextPlot	8	0.003	0.003
$ \underline{Scatter. Abstract Scatter} \\ -Abstract Scatter. \underline{set. Marker Edge Color Mode}$	8	0.003	0.003
catter.AbstractScatter>AbstractScatter.set,MarkerEdgeAlphaMode	8	0.003	0.003
HasPropertiesAsNVPairs>getParserByClass	5	0.003	0.003
stractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha	36	0.003	0.003
EncodingInput>EncodingInput.detectEncodingFromFilename	5	0.003	0.003
ArgumentParser>ArgumentParser.checkAlias	10	0.003	0.003
tOptions.ImportOptions>ImportOptions.get.SelectedVariableNames	5	0.003	0.002
remoteparfor>remoteparfor.getDispatchSizes	4	0.003	0.002
YZProcessing08_3rdround>(parfor consume)	72	0.003	0.003
hggetbehavior>localPeek	16	0.003	0.003
<u>isCharVector</u>	62	0.003	0.003
ismissingKernel>arraySwitch	12	0.003	0.003
<u>updateSelectionHandle</u>	8	0.003	0.003
<u>DetectImportOptionsText>DetectImportOptionsText,setFileProps</u>	5	0.003	0.003
graph2d\private\labelcheck	8	0.003	0.003
Channel>Channel.postInit	2	0.003	0.003
audioread>validateRange	2	0.003	0.002
attributes>checkClass	7	0.003	0.003
amesInput>PreserveVariableNamesInput.set.VariableNamingRule	5	0.003	0.002
<u>partialMatchString</u>	48	0.003	0.003
AbstractScatter,AbstractScatter>AbstractScatter,get,ZJitter	16	0.003	0.002
taFromDetection>TableMetaDataFromDetection.setMetaLocations	5	0.003	0.003
SerializationNotifier>SerializationNotifier,createSerializationListener	4	0.003	0.002
com.mathworks.toolbox.distcomp.pmode.Session (Java method)	102	0.003	0.003
istimetable	656	0.003	0.003
mean>mysize	149	0.003	0.003
TextInputs>TextInputs.set,VariableNamesLine	5	0.003	0.002
remoteparfor>remoteparfor,drainIntervals	4	0.003	0.002
attributes>valueAttributor	7	0.003	0.002
Scatter,getCleanData	8	0.003	0.003
AcceptsFileType>AcceptsFileType.getExtensions	5	0.003	0.001
DetectImportOptions>getSuppliedProperties	10	0.003	0.003
AbstractScatter.AbstractScatter>AbstractScatter.get.Jitter	8	0.002	0.002
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FilePath>FilePath.get.Exists	6	0.002	0.002
FilePath>FilePath.get.Readable	2	0.002	0.002
datachk	16	0.002	0.002
Detect mportOptions>Detect mportOptions.set_NumHeaderLines	5	0.002	0.002
<u>categorical.parenReference</u>	4	0.002	0.002
FilePath>FilePath.get.Absolute	2	0.002	0.002
<u>convertStringToCharArgs</u>	16	0.002	0.002
validateFileName>localUnique	10	0.002	0.002
ImportOptions.ImportOptions>ImportOptions.useGeneratedNames	10	0.002	0.002
interp1q>linformula	2	0.002	0.002
readcell>@()func.WorkSheet.clear()	5	0.002	0.002
FunctionStore>accessMap	5	0.002	0.002
CategoricalRuler>CategoricalRuler.doStretchLimits	18	0.002	0.002
com.mathworks.hg.util.DeferToldleState.execute (Java method)	8	0.002	0.002
Channel>Channel.postClose	2	0.002	0.002
attributes>findSupportedAttr	7	0.002	0.002
Channel>Channel.preOpen	2	0.002	0.002
. <u>bstractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeColor</u>	16	0.002	0.002
ArrayBuilder>ArrayBuilder.shapedata	5	0.002	0.002
Channel>Channel.lock	2	0.002	0.001
makeUniqueStrings>validateExclStrOrElemToChk	15	0.002	0.001
fullfile>addTrailingFileSep	15	0.002	0.002
Scatter.Scatter>@(obj,evd)(hObj.sendDataChangedEvent)	32	0.002	0.002
RemoteToLocal>RemoteToLocal.RemoteToLocal	2	0.002	0.002
ImportOptions.ImportOptions>ImportOptions.setUnboundedSelection	5	0.002	0.002
ns>DetectImportOptionsFileExtensions.getFileTypeFromExtension	5	0.002	0.002
AnnotationPane.AnnotationPane>AnnotationPane.addChild	16	0.002	0.002
FilePath>FilePath.set,Extension	2	0.002	0.002
FigureUtils>FigureUtils.isEditorSnapshotFigure	18	0.002	0.002
<u>lusterPool.AbstractClusterPool>AbstractClusterPool.get.Connected</u>	8	0.002	0.001
fullfile>fixIRI	10	0.002	0.002
categorical.categorical>isNVpair	15	0.002	0.002
strfun\private\isTextStrict	50	0.002	0.002
isCharString	43	0.002	0.002
<u>escriptorBehavior>DataDescriptorBehavior.DataDescriptorBehavior</u>	8	0.002	0.001
istabular	47	0.002	0.002
TextDataReader>TextDataReader.initRowNames	5	0.002	0.002
Stream>Stream.isSupported	4	0.002	0.002
ArrayBuilder>ArrayBuilder.ArrayBuilder	5	0.002	0.001
parseCData	8	0.002	0.002
ReadCellText>checkWrongParamsWrongType	5	0.002	0.001
PrintBehavior>PrintBehavior.PrintBehavior	8	0.002	0.001
deStrategy>FigureBasedModeStrategy,FigureBasedModeStrategy	8	0.002	0.001
eStrategy>FigurePointerModeStrategy,FigurePointerModeStrategy	8	0.002	0.001
ExecutableFunction>ExecutableFunction,get.NumRequired	10	0.002	0.001

Stream>Stream.addFilter	2	0.002	0.002
checkInputName	2	0.002	0.002
parallel_function>results	4	0.002	0.002
RemoteToLocal>RemoteToLocal.delete	2	0.002	0.001
isInvalidInLogScale>basicImpl	20	0.002	0.002
remoteparfor>iErrorCheckPool	4	0.002	0.001
Builder>Builder,removeOmittedRowsAndVars	10	0.002	0.002
TextInteractions>TextInteractions.getCanvas	22	0.002	0.002
strfun\private\convertStringToOriginalTextType	35	0.002	0.002
scatter>Lcchk	8	0.002	0.001
newplot>ObserveFigureNextPlot	8	0.002	0.002
serializationProfiling	4	0.002	0.002
parallel\private\dctSchedulerMessageHandler	12	0.002	0.002
<u>usejava</u>	16	0.001	0.001
mportOptions.ImportOptions>ImportOptions.get.selectedIDs	5	0.001	0.001
AbstractScatter,AbstractScatter>AbstractScatter,get,JitterDirty_I	32	0.001	0.001
parallel_function>PCTInstalled	4	0.001	0.001
PrintBehavior>PrintBehavior.dosupport	8	0.001	0.001
ncrementParallelFunctionDepth	8	0.001	0.001
DisarmableOncleanup>DisarmableOncleanup.DisarmableOncleanup	8	0.001	0.001
DelimitedTextInputs>DelimitedTextInputs.set.TrailingDelimitersRule	5	0.001	0.001
AbstractScatter,AbstractScatter>AbstractScatter,get,BrushHandles	8	0.001	0.001
ChildEventData>ChildEventData,ChildEventData	8	0.001	0.001
Stream>Stream.delete	4	0.001	0.001
Channel>Channel.isOpen	6	0.001	0.001
<u>deal</u>	8	0.001	0.001
epmat>checkSizesType	113	0.001	0.001
categorical.countcats	1	0.001	0.001
 <u>FextInputs>TextInputs</u>	5	0.001	0.001
Engine>Engine.Engine	4	0.001	0.001
DetectImportOptionsText>DetectImportOptionsText.setVarNames	5	0.001	0.001
categorical.categorical>categorical.castCodes	19	0.001	0.001
audioread>validateRangeWithTotalSamples	2	0.001	0.001
ToolbarFactory>ToolbarFactory.getInstance	8	0.001	0.001
FileExtensions>FileExtensions,getExtensionsFromType	5	0.001	0.001
FastVarOpts>FastVarOpts.numVars	20	0.001	0.001
AbstractScatter.AbstractScatter>AbstractScatter.get.Clipping I	24	0.001	0.001
sPublishingTest	34	0.001	0.001
nteractionContainer>InteractionContainer,get,Enabled	18	0.001	0.001
assertNoTableInputs	5	0.001	0.001
AnnotationPane,AnnotationPane>AnnotationPane.getParentImpl	48	0.001	0.001
Scatter, Scatter>Scatter, qet, MarkerFaceAlpha	36	0.001	0.001
Channel>Channel.preTerm	2	0.001	0.001
AbstractScatter.AbstractScatter>AbstractScatter.get.CData	24	0.001	0.001

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Danks Dan	<u>categorical.double</u>	8	0.001	0.001
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AbstractScatter AbstractScatter pet Selection Handle 40 0.001 0.0	AbstractScatter,AbstractScatter>AbstractScatter.get.CDataMode	28	0.001	0.001
SerializationNotifier>SerializationNotifierpetInstance 4 0.001 0.001 DetectImportOptionsText>checkDelimitedFixedWidthWrongParams 5 0.001 0.001 (x'string)&&isscalar(x)&&-ismissing(x)) (ischar(x)&&size(x,1)<=1)	CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	8	0.001	0.001
DetectImportOptionsText>checkDelimitedFixedWidthWrongParams 5 0.001 0.001 (x'string')&&isscalar(x)&&-ismissing(x)) (ischar(x)&&size(x.1)<=1)	<u>AbstractScatter,AbstractScatter>AbstractScatter,get,SelectionHandle</u>	40	0.001	0.001
(x.'string')&&isscalar(x)&&-ismissing(x)) (ischar(x)&&size(x.1)≤=1) 7 0.001 0.001 AbstractScatter_AbstractClusterPool.AbstractClusterPoo	<u>SerializationNotifier>SerializationNotifier.getInstance</u>	4	0.001	0.001
AbstractScatter_AbstractScatter>AbstractScatter_get_Y_Jitter_I	$\underline{DetectImportOptionsText} \\ \underline{checkDelimitedFixedWidthWrongParams}$	5	0.001	0.001
InputStream>InputStream.readPartialPacket 2 0.001 0.001 colon_range_check>integer_range_overflow_check 4 0.001 0.001 validateNVPairs>isNonEmptyScalarText 5 0.001 0.001 categorical.numel 8 0.001 0.001 mMissingQuttliers>reduceSize 8 0.001 0.001 ckManager_ScribeStackManager>ScribeStackManager.getInstance 8 0.001 0.001 esInput>PreserveVariableNamesInput.get.PreserveVariableNames 5 0.001 0.001 esInput>PreserveVariableNamesInput.get.PreserveVariableNames 5 0.001 0.001 b.graphics.illustration_ColorBar') isa(obj.'matlab.ui.control.UlAxes') 156 0.001 0.001 mustBeValidGraphicsObject 8 0.001 0.001 Engine>Engine.numIntervalsFactor 4 0.001 0.001 remoteparfor>remoteparfor,initialDispatchFactor 4 0.001 0.001 HGBehavior>HGBehavior,HGBehavior 16 0.001 0.001 PoolOptions>ilsValidMaxNumWorkers 4 0.001 0.001	$\dots (\underline{x}, \underline{'string'}) \underline{\&\&isscalar}(\underline{x}) \underline{\&\&-ismissing}(\underline{x})) (\underline{ischar}(\underline{x}) \underline{\&\&size}(\underline{x}, \underline{1}) \underline{<=} \underline{1})$	7	0.001	0.001
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remoteparfor>remoteparfor.maxBacklog b,graphics,illustration,ColorBar') isa(obj,'matlab,ui,control.UIAxes') 156 0.001 0.001 mustBeValidGraphicsObject 8 0.001 0.001 Engine>Engine.numIntervalsFactor 4 0.001 0.001 remoteparfor>remoteparfor.initialDispatchFactor 4 0.001 0.001 HGBehavior>HGBehavior,HGBehavior 16 0.001 0.001 PoolOptions>ilsValidMaxNumWorkers 4 0.001 0.001 ClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession 8 0.001 0.001 ScribeLayer,ScribeLayer>ScribeLayer,findCanvas 8 0.001 0.001	$ \underline{ckManager.ScribeStackManager} \\ ScribeStackManager.getInstance$	8	0.001	0.001
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ScribeLayer,ScribeLayer,findCanvas 8 0.001 0.001	PoolOptions>ilsValidMaxNumWorkers	4	0.001	0.001
	ClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession	8	0.001	0.001
FigureUtils>FigureUtils.isEditorEmbeddedFigure 18 0.001 0.001	ScribeLayer,ScribeLayer>ScribeLayer,findCanvas	8	0.001	0.001
	FigureUtils>FigureUtils.isEditorEmbeddedFigure	18	0.001	0.001
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rmMissingOutliers>cumputeIndex	8	0.001	0.001
pwd	22	0.001	0.001
Scatter.Scatter>Scatter.get.MarkerFaceColor	16	0.001	0.001
ntLine,ConstantLine>mustBeFiniteNumericDateTimeOrCategorical	4	0.001	0.001
CategoricalRuler>categoriesInRealOrder	8	0.001	0.001
UsesWorksheet>UsesWorksheet.clear	5		
		0.001	0.001
TextInputs>TextInputs.setUnescapedWhitespace	5	0.001	0.001
FastVarOpts>FastVarOpts SetVarOpts	20	0.001	0.001
ArgumentParser>matchPartial	10	0.001	0.001
el_function>@()matlab.internal.incrementParallelFunctionDepth(-1)	4	0.001	0.001
TextDataReader>updateDatalines	5	0.001	0.001
<u>categorical.categories</u>	29	0.001	0.001
AbstractScatter,AbstractScatter>AbstractScatter,get,LineWidth_L	16	0.001	0.001
validateLogical	22	0.001	0.001
<u>isScalarText</u>	8	0.001	0.001
<u>mustBeNonnegative</u>	5	0.001	0.001
DetectImportOptions>validateScalarInt	5	0.001	0.001
isPCTInstalled	4	0.001	0.001
Channel>Channel.unlock	2	0.001	0.001
InputStream>InputStream,clearPartialPacket	2	0.001	0.001
<u>tter.AbstractScatter>AbstractScatter.get</u> ,CurrentlconColorInfoMode	16	0.001	0.001
AcceptsReadableFilename>AcceptsReadableFilename.get.Filename	25	0.001	0.001
AbstractScatter,AbstractScatter>AbstractScatter.get,Jitter_I	8	0.001	0.001
Scatter,Scatter>Scatter,set,MarkerFaceColorMode	8	0.001	0.001
TextInputs>validateLineNumber	5	0.001	0.001
Scatter.mapSize	8	0.001	0.001
endpoint_check	8	0.001	0.001
Scatter.Scatter>Scatter.set.MarkerFaceAlphaMode	8	0.001	0.001
AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerOrder	8	0.001	0.001
AbstractScatter.AbstractScatter>AbstractScatter.get.ZJitter_I	16	0.001	0.001
AbstractScatter.AbstractScatter>AbstractScatter.set.CData	8	0.001	0.001
Scatter.AbstractScatter>AbstractScatter.set.CurrentlconColorInfo	8	0.001	0.001
categorical.length	16	0.001	0.001
MessageHandler>MessageHandler.MessageHandler	2	0.001	0.001
Options>Options.Options	4	0.001	0.001
RemoteToLocal>RemoteToLocal.deletelfLocalCopy	2	0.001	0.001
ractScatter,AbstractScatter>AbstractScatter,set,MarkerEdgeColor I	8	0.001	0.001
actScatter.AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha	8	0.001	0.001
Scatter.Scatter>Scatter.get.SizeData	8	0.001	0.001
categorical.categorical>categorical.isordinal	16	0.001	0.001
	4	0.001	0.001
range_step_check DisarmableOncleanup>DisarmableOncleanup.delete	8	0.001	0.001
DelimitedTextInputs>DelimitedTextInputs.getUnescapedDelimiter	5	0.001	0.001
xyzline>validateData	4	0.001	0.001
TextInputs>TextInputs.getUnescapedWhitespace	5	0.001	0.001

+file\private\mexAudioPluginManager (MEX-file)	2	0.001	0.001
<u>catter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlphaMode</u>	8	0.001	0.001
<u>catter.AbstractScatter>AbstractScatter.get.MarkerEdgeColorMode</u>	8	0.001	0.001
remoteparfor>remoteparfor.getNumWorkers	4	0.001	0.001
PluginManager>PluginManager.errorlfFile	6	0.001	0.001
PluginManager>PluginManager.handlePluginError	2	0.001	0.001
conColorInfoCache> conColorInfoCache. conColorInfoCache	16	0.001	0.001
AbstractScatter.AbstractScatter>AbstractScatter.get.BrushHandles_I	8	0.001	0.001
parenReference_1D	4	0.001	0.001
isFigureShowEnabled	16	0.001	0.001
hasDisplay	16	0.001	0.001
generateArgumentDescriptor>isCharOrString	21	0.001	0.001
Engine>iClamp	20	0.001	0.001
DisarmableOncleanup>DisarmableOncleanup.disarm	8	0.000	0.000
mustBeNumericOrLogical	5	0.000	0.000
remoteparfor>iClamp	4	0.000	0.000
missing>missing.missing	5	0.000	0.000
sNVPairs>HasPropertiesAsNVPairs,assertNoAdditionalParameters	5	0.000	0.000
Builder>Builder,Builder	5	0.000	0.000
PointerMixin>PointerMixin,PointerMixin	8	0.000	0.000
tiesAsNVPairs>HasPropertiesAsNVPairs.HasPropertiesAsNVPairs	5	0.000	0.000
DataReader>DataReader.DataReader	5	0.000	0.000
EncodingInput>EncodingInput.EncodingInput	5	0.000	0.000
DelimitedTextInputs>DelimitedTextInputs.DelimitedTextInputs	5	0.000	0.000
nNotifier>SerializationNotifier.createAccumulatingListener/nGetList	4	0.000	0.000
AbstractModeStrategy>AbstractModeStrategy_AbstractModeStrategy_	8	0.000	0.000
rrorRulesInputs>MissingErrorRulesInputs,MissingErrorRulesInputs	5	0.000	0.000
PointerModeStrategy>PointerModeStrategy,PointerModeStrategy	8	0.000	0.000
sInput>PreserveVariableNamesInput.PreserveVariableNamesInput	5	0.000	0.000
Saveable>Saveable.Saveable	5	0.000	0.000
isdatetime	8	0.000	0.000
<u>supportedTypeNames</u>	10	0.000	0.000
isduration	8	0.000	0.000
CategoricalRuler>CategoricalRuler.allowTickLabelThinning	28	0.000	0.000
<u>run>@()([])</u>	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.