

Profile Summary (Total time: 260.267 s)

Generated 17-Jul-2023 22:11:13 using performance time.

| Function Name | Calls | Total Time (s) | Self Time* (s) | Total Time Plot (dark band = self time) |
|---|-------|----------------|----------------|--|
| <u>main</u> | 1 | 258.581 | 0.004 | |
| <u>run</u> | 15 | 258.577 | 0.264 | |
| <u>parallel_function</u> | 6 | 247.304 | 0.032 | |
| <u>parallel_function>distributed_execution</u> | 6 | 247.106 | 0.057 | |
| <u>remoteparfor>remoteparfor.getCompleteIntervals</u> | 114 | 246.556 | 0.348 | |
| <u>java.util.concurrent.LinkedBlockingQueue (Java method)</u> | 621 | 245.057 | 245.057 | |
| <u>YZProcessing12_5thround</u> | 1 | 73.716 | 0.180 | |
| <u>YZProcessing08_3rdround</u> | 1 | 64.679 | 0.193 | |
| <u>YZProcessing10_4thround</u> | 1 | 64.139 | 0.186 | |
| <u>YZProcessing04_tdoa</u> | 1 | 25.575 | 0.168 | |
| <u>YZProcessing06_2ndround</u> | 1 | 18.698 | 0.159 | |
| <u>scatter</u> | 230 | 3.764 | 0.564 | |
| <u>Statistics_accuracy_calculation</u> | 1 | 3.140 | 0.412 | |
| <u>Statistics201_figure_2d_1round</u> | 1 | 2.309 | 0.222 | |
| <u>Scatter.Scatter>Scatter.Scatter</u> | 230 | 1.329 | 0.007 | |
| <u>YZProcessing05_statistics_remoutlier</u> | 1 | 1.328 | 0.309 | |
| <u>AbstractScatter.doUpdate</u> | 230 | 1.154 | 0.740 | |
| <u>Statistics201_figure_2d_5round</u> | 1 | 1.129 | 0.186 | |
| <u>Statistics201_figure_2d_2round</u> | 1 | 1.124 | 0.185 | |
| <u>readcell</u> | 9 | 1.071 | 0.014 | |
| <u>AbstractScatter,AbstractScatter>AbstractScatter.AbstractScatter</u> | 230 | 1.052 | 0.389 | |
| <u>ExecutableFunction>ExecutableFunction.validateAndExecute</u> | 9 | 1.050 | 0.010 | |
| <u>Statistics101_round5</u> | 1 | 0.974 | 0.108 | |
| <u>remoteparfor>remoteparfor.displayOutput</u> | 615 | 0.919 | 0.123 | |
| <u>remoteparfor>iDisplayStringArray</u> | 271 | 0.887 | 0.038 | |
| <u>remoteparfor>@(msg)fprintf(1,'%s',char(msg))</u> | 48 | 0.848 | 0.848 | |
| <u>ReadCell>ReadCell.execute</u> | 9 | 0.810 | 0.017 | |
| <u>ylabel</u> | 22 | 0.633 | 0.362 | |
| <u>YZProcessing13_5throundstatistics</u> | 1 | 0.603 | 0.298 | |
| <u>configureAxes</u> | 258 | 0.587 | 0.025 | |
| <u>Scatter.Scatter>Scatter.doSetup</u> | 460 | 0.585 | 0.435 | |
| <u>ReadCellWithImportOptions>ReadCellWithImportOptions.execute</u> | 9 | 0.470 | 0.007 | |
| <u>xyzline</u> | 24 | 0.457 | 0.142 | |
| <u>xlabel</u> | 6 | 0.427 | 0.121 | |
| <u>hold</u> | 19 | 0.403 | 0.103 | |
| <u>AbstractScatter.getColorAlphaDataExtents</u> | 1008 | 0.394 | 0.288 | |
| <u>configureAxes>checkChildren</u> | 258 | 0.384 | 0.018 | |
| <u>configureAxes>checkDim</u> | 516 | 0.358 | 0.098 | |
| <u>bar</u> | 4 | 0.352 | 0.038 | |
| <u>ReadCellText>ReadCellText.execute</u> | 9 | 0.347 | 0.008 | |

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|---|------|-------|-------|--|
| <u>makeNumeric</u> | 566 | 0.330 | 0.031 | |
| <u>YZProcessing09_3rdroundstatistics</u> | 1 | 0.320 | 0.192 | |
| <u>DetectImportOptions>DetectImportOptions.execute</u> | 9 | 0.318 | 0.011 | |
| <u>DetectImportOptionsText>DetectImportOptionsText.execute</u> | 9 | 0.298 | 0.005 | |
| <u>DetectImportOptionsText>DetectImportOptionsText.getTextOpts</u> | 9 | 0.284 | 0.005 | |
| <u>getRulersForChild</u> | 566 | 0.278 | 0.125 | |
| <u>YZProcessing11_4throundstatistics</u> | 1 | 0.273 | 0.152 | |
| <u>YZProcessing07_2ndroundstatistics</u> | 1 | 0.268 | 0.149 | |
| <u>CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas</u> | 18 | 0.262 | 0.021 | |
| <u>getChildrenForRuler</u> | 512 | 0.260 | 0.260 | |
| <u>...mportOptionsText>DetectImportOptionsText.getOptsFromDetection</u> | 9 | 0.258 | 0.065 | |
| <u>audioread</u> | 4 | 0.256 | 0.005 | |
| <u>audioread>readaudio</u> | 4 | 0.246 | 0.024 | |
| <u>TextDataReader>TextDataReader.read</u> | 9 | 0.245 | 0.020 | |
| <u>xline</u> | 16 | 0.242 | 0.001 | |
| <u>Scatter.Scatter>@(~,~)set(hObj,'JitterDirty_I','on')</u> | 920 | 0.231 | 0.203 | |
| <u>...rsManager.SubplotListenersManager>@(o,e)subplotlayout(ax,e,fig)</u> | 2 | 0.228 | 0.069 | |
| <u>ReadCell>ReadCell.validate</u> | 9 | 0.222 | 0.004 | |
| <u>AbstractScatter.getXYZDataExtents</u> | 230 | 0.218 | 0.112 | |
| <u>yline</u> | 8 | 0.217 | 0.002 | |
| <u>ConstantLine.ConstantLine>ConstantLine.getXYZDataExtents</u> | 308 | 0.217 | 0.033 | |
| <u>CellBuilder>CellBuilder.build</u> | 9 | 0.217 | 0.009 | |
| <u>DetectImportOptions>DetectImportOptions.validate</u> | 9 | 0.217 | 0.009 | |
| <u>gobjects</u> | 2223 | 0.216 | 0.211 | |
| <u>remoteParfor>remoteParfor.addInterval</u> | 432 | 0.216 | 0.065 | |
| <u>subplot</u> | 6 | 0.206 | 0.092 | |
| <u>remoteParfor>remoteParfor.deserialize</u> | 432 | 0.194 | 0.054 | |
| <u>...taskManager.ScribeStackManager>ScribeStackManager.getLayer</u> | 77 | 0.189 | 0.014 | |
| <u>CanvasSetup>CanvasSetup.createScribeLayers</u> | 18 | 0.188 | 0.006 | |
| <u>configureRuler</u> | 512 | 0.176 | 0.053 | |
| <u>tickCallback</u> | 4 | 0.169 | 0.004 | |
| <u>...ckManager.ScribeStackManager>ScribeStackManager.createLayer</u> | 54 | 0.165 | 0.044 | |
| <u>updateTicks</u> | 4 | 0.164 | 0.058 | |
| <u>categorical.categorical>categorical.categorical</u> | 20 | 0.161 | 0.054 | |
| <u>newplot</u> | 234 | 0.156 | 0.041 | |
| <u>scatter>localGetAxesInfo</u> | 230 | 0.154 | 0.028 | |
| <u>remoteParfor>remoteParfor.complete</u> | 6 | 0.152 | 0.004 | |
| <u>CellBuilder>CellBuilder.convertCells</u> | 9 | 0.148 | 0.013 | |
| <u>remoteParfor>remoteParfor.awaitCompletionDisplayingOutput</u> | 6 | 0.147 | 0.007 | |
| <u>...ctScatter,AbstractScatter>AbstractScatter.set_CurrentIconColorInfo</u> | 460 | 0.147 | 0.089 | |
| <u>ExecutableFunction>ExecutableFunction.validate</u> | 9 | 0.145 | 0.003 | |
| <u>ExecutableFunction>ExecutableFunction.validateArguments</u> | 9 | 0.142 | 0.020 | |
| <u>deserialize</u> | 432 | 0.141 | 0.098 | |
| <u>AbstractScatter.cacheLegendIconColors</u> | 230 | 0.139 | 0.131 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerHandle</u> | 230 | 0.134 | 0.011 | |

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|---|------|-------|-------|--|
| <u>parseplotapi</u> | 234 | 0.133 | 0.017 | |
| <u>str2double</u> | 3550 | 0.130 | 0.130 | |
| <u>...stractScatter,AbstractScatter>AbstractScatter.set.MarkerHandleNaN</u> | 230 | 0.126 | 0.010 | |
| <u>...tter,AbstractScatter>AbstractScatter.setMarkerHandleFanoutProps</u> | 230 | 0.123 | 0.111 | |
| <u>scatter>parseargs</u> | 230 | 0.122 | 0.040 | |
| <u>InputStream>InputStream.read</u> | 4 | 0.121 | 0.029 | |
| <u>remoteParfor>remoteParfor.serialize</u> | 438 | 0.116 | 0.009 | |
| <u>...AbstractScatter>AbstractScatter.setMarkerHandleNaNFanoutProps</u> | 230 | 0.116 | 0.105 | |
| <u>parallel_function>@(initData,E)createEngine(M,initData,E)</u> | 6 | 0.107 | 0.001 | |
| <u>serialize</u> | 438 | 0.106 | 0.020 | |
| <u>PoolOptions>PoolOptions.createEngine</u> | 6 | 0.106 | 0.003 | |
| <u>remoteParfor>remoteParfor.remoteParfor</u> | 6 | 0.103 | 0.010 | |
| <u>...stractScatter,AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha</u> | 1468 | 0.100 | 0.083 | |
| <u>...bstractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeColor</u> | 230 | 0.099 | 0.060 | |
| <u>ismember</u> | 62 | 0.099 | 0.021 | |
| <u>ScribeLayer,ScribeLayer>ScribeLayer,ScribeLayer</u> | 54 | 0.093 | 0.037 | |
| <u>rmOutliers</u> | 12 | 0.093 | 0.003 | |
| <u>Scatter.Scatter>Scatter.set.Marker</u> | 216 | 0.093 | 0.043 | |
| <u>ImportOptions.ImportOptions>ImportOptions.setVarType</u> | 9 | 0.092 | 0.006 | |
| <u>TextDataReader>TextDataReader.TextDataReader</u> | 9 | 0.092 | 0.009 | |
| <u>...stractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha</u> | 230 | 0.092 | 0.054 | |
| <u>InputStream>InputStream.readPackets</u> | 12 | 0.091 | 0.091 | |
| <u>rmMissingOutliers</u> | 12 | 0.089 | 0.006 | |
| <u>axescheck</u> | 277 | 0.088 | 0.056 | |
| <u>remoteParfor>remoteParfor.buildParforController</u> | 6 | 0.088 | 0.020 | |
| <u>FastVarOpts>FastVarOpts.setTypes</u> | 27 | 0.083 | 0.016 | |
| <u>...stractScatter,AbstractScatter>AbstractScatter.set.SelectionHandle</u> | 230 | 0.078 | 0.011 | |
| <u>ismember>ismemberR2012a</u> | 62 | 0.078 | 0.018 | |
| <u>...toolbox.distcomp.pmode.parfor.ParforControllerImpl (Java method)</u> | 739 | 0.078 | 0.078 | |
| <u>ConstantLine.ConstantLine>ConstantLine.doUpdate</u> | 24 | 0.077 | 0.052 | |
| <u>AcceptsReadableFilename>AcceptsReadableFilename.set.Filename</u> | 9 | 0.077 | 0.004 | |
| <u>TextDataReader>TextDataReader.initTextParser</u> | 9 | 0.073 | 0.010 | |
| <u>...tsReadableFilename>AcceptsReadableFilename.validateFilename</u> | 9 | 0.072 | 0.005 | |
| <u>...xesInteractions>UnifiedAxesInteractions.createDefaultInteractions</u> | 71 | 0.070 | 0.025 | |
| <u>rmMissingOutliers>applyFun</u> | 12 | 0.068 | 0.003 | |
| <u>Bar.doUpdate</u> | 4 | 0.068 | 0.032 | |
| <u>cell.unique</u> | 106 | 0.068 | 0.029 | |
| <u>...AbstractScatter>AbstractScatter.setSelectionHandle_IFanoutProps</u> | 230 | 0.068 | 0.058 | |
| <u>parseparams</u> | 230 | 0.067 | 0.055 | |
| <u>nextstyle</u> | 234 | 0.067 | 0.067 | |
| <u>arraytolimits</u> | 550 | 0.065 | 0.022 | |
| <u>isoutlier</u> | 12 | 0.065 | 0.009 | |
| <u>cell.ismember</u> | 30 | 0.062 | 0.022 | |
| <u>CategoricalRuler>CategoricalRuler.addData</u> | 22 | 0.062 | 0.005 | |

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|--|------|-------|-------|--|
| CategoricalRuler>CategoricalRuler.convertNumericLimits | 8 | 0.061 | 0.001 | |
| CategoricalRuler>CategoricalRuler.makeNonNumericLimits | 8 | 0.060 | 0.003 | |
| subplot>addAxesToGrid | 6 | 0.059 | 0.022 | |
| validatestring | 42 | 0.057 | 0.010 | |
| CategoricalRuler>CategoricalRuler.mergeDataCategories | 22 | 0.057 | 0.010 | |
| CategoricalRuler>CategoricalRuler.makeNonNumeric | 8 | 0.057 | 0.003 | |
| hgetbehavior | 28 | 0.056 | 0.003 | |
| Scatter.Scatter>@(obj,evd)(hObj.sendDataChangedEvent) | 1352 | 0.056 | 0.056 | |
| newplot>ObserveAxesNextPlot | 234 | 0.056 | 0.029 | |
| unique | 46 | 0.053 | 0.024 | |
| Bar,Bar>Bar,Bar | 4 | 0.053 | 0.012 | |
| hgetbehavior>localGet | 28 | 0.053 | 0.015 | |
| Bar.getXYZDataExtents | 6 | 0.053 | 0.006 | |
| distcompserialize64 (MEX-file) | 438 | 0.052 | 0.052 | |
| validateFileName | 9 | 0.052 | 0.009 | |
| ConstantLine,ConstantLine>ConstantLine,ConstantLine | 24 | 0.049 | 0.041 | |
| ...tter.AbstractScatter>AbstractScatter.set.CurrentIconColorInfoMode | 460 | 0.049 | 0.042 | |
| AnnotationPane,AnnotationPane>AnnotationPane,AnnotationPane | 36 | 0.048 | 0.009 | |
| DelimitedTextImportOptions>DelimitedTextImportOptions.getParser | 9 | 0.047 | 0.017 | |
| categorical.removecats | 14 | 0.044 | 0.009 | |
| validatestring>checkString | 42 | 0.044 | 0.013 | |
| AcceptsFileType>AcceptsFileType.set.FileType | 9 | 0.043 | 0.004 | |
| updateSelectionHandle | 230 | 0.043 | 0.043 | |
| fullfile | 27 | 0.043 | 0.016 | |
| Scatter.Scatter>Scatter.set.Marker_J | 168 | 0.043 | 0.043 | |
| arraytolimits>localGetLimits | 1626 | 0.043 | 0.043 | |
| ismember>ismemberClassTypes | 11 | 0.043 | 0.014 | |
| AbstractScatter,AbstractScatter>AbstractScatter.get.XJitter | 460 | 0.042 | 0.035 | |
| Scatter.Scatter>Scatter.set.MarkerFaceColor | 230 | 0.042 | 0.035 | |
| Scatter.Scatter>Scatter.set.MarkerFaceAlpha | 230 | 0.041 | 0.035 | |
| usev6plotapi | 234 | 0.041 | 0.041 | |
| ToolbarFactory>ToolbarFactory.getToolbar | 18 | 0.040 | 0.002 | |
| DelimitedTextInputs>DelimitedTextInputs.set.Delimiter | 18 | 0.040 | 0.007 | |
| AnnotationPane.AnnotationPane>AnnotationPane.doSetup | 36 | 0.039 | 0.036 | |
| ...er/DesktopToolbarController>DesktopToolbarController.getInstance | 18 | 0.038 | 0.003 | |
| getJavaFutureInterruptibly | 6 | 0.037 | 0.014 | |
| Channel>Channel.Channel | 4 | 0.037 | 0.019 | |
| ctorHelper | 502 | 0.037 | 0.021 | |
| parallel_function>distributed_execution/consume_reduce | 432 | 0.037 | 0.014 | |
| AbstractScatter,AbstractScatter>AbstractScatter.get.YJitter | 460 | 0.037 | 0.031 | |
| detectTypes | 9 | 0.036 | 0.016 | |
| AbstractScatter,AbstractScatter>AbstractScatter.get.ZJitter | 460 | 0.036 | 0.030 | |
| ...lbarController>DesktopToolbarController/DesktopToolbarController | 18 | 0.036 | 0.004 | |
| cell.unique>celluniqueR2012a | 106 | 0.036 | 0.036 | |
| .bstractScatter,AbstractScatter>AbstractScatter.get.MarkerEdgeColor | 460 | 0.034 | 0.028 | |

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|---|------|-------|-------|--|
| <u>distcompMakeByteBufferHandles</u> (MEX-file) | 438 | 0.034 | 0.034 | |
| <u>datafun\private\locateoutliers</u> | 12 | 0.034 | 0.012 | |
| <u>axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)</u> | 2791 | 0.033 | 0.021 | |
| <u>..._tackManager.ScribeStackManager>ScribeStackManager.findLayer</u> | 347 | 0.032 | 0.032 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.get.Jitter</u> | 230 | 0.031 | 0.025 | |
| <u>cell.setdiff</u> | 9 | 0.031 | 0.003 | |
| <u>..._rtOptions>DelimitedTextImportOptions.DelimitedTextImportOptions</u> | 9 | 0.031 | 0.005 | |
| <u>unescape</u> | 54 | 0.031 | 0.017 | |
| <u>mean</u> | 645 | 0.031 | 0.026 | |
| <u>hgbehaviorfactory</u> | 28 | 0.031 | 0.002 | |
| <u>attributes</u> | 11 | 0.030 | 0.005 | |
| <u>FastVarOpts>FastVarOpts.get.Names</u> | 27 | 0.030 | 0.005 | |
| <u>..._Scatter.AbstractScatter>AbstractScatter.set.MarkerEdgeColorMode</u> | 230 | 0.029 | 0.026 | |
| <u>...mode,parfor.ParforControllerImpl\$IntervalResultImpl</u> (Java method) | 1296 | 0.029 | 0.029 | |
| <u>unique>uniqueR2012a</u> | 46 | 0.029 | 0.029 | |
| <u>ImportOptions.ImportOptions>ImportOptions.get.VariableNames</u> | 18 | 0.029 | 0.002 | |
| <u>...catter.AbstractScatter>AbstractScatter.set.MarkerEdgeAlphaMode</u> | 230 | 0.029 | 0.025 | |
| <u>Bar.setLayoutHints</u> | 93 | 0.029 | 0.021 | |
| <u>hgbehaviorfactory>localCreate</u> | 28 | 0.029 | 0.011 | |
| <u>Scatter.Scatter>Scatter.set.SizeData</u> | 216 | 0.028 | 0.022 | |
| <u>cell.setdiff>cellsetdiffR2012a</u> | 9 | 0.028 | 0.009 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.get.JitterDirty_I</u> | 920 | 0.028 | 0.028 | |
| <u>Scatter.Scatter>Scatter.get.MarkerFaceAlpha</u> | 1468 | 0.028 | 0.028 | |
| <u>validateAndEscapeCellStrings</u> | 45 | 0.027 | 0.011 | |
| <u>...works.toolbox.distcomp.pmode.DrainableOutputImpl</u> (Java method) | 271 | 0.027 | 0.027 | |
| <u>cla</u> | 4 | 0.027 | 0.007 | |
| <u>...s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes</u> | 71 | 0.026 | 0.009 | |
| <u>setxor</u> | 4 | 0.026 | 0.002 | |
| <u>..._ubplotListenersManager>SubplotListenersManager.addToListeners</u> | 6 | 0.025 | 0.019 | |
| <u>.._lbarController.ToolbarController>ToolbarController.ToolbarController</u> | 18 | 0.025 | 0.021 | |
| <u>setxor>setxorR2012a</u> | 4 | 0.024 | 0.006 | |
| <u>FastVarOpts>FastVarOpts.getVarOptsStruct</u> | 18 | 0.023 | 0.012 | |
| <u>ExecutableFunction>ExecutableFunction.obj2struct</u> | 9 | 0.023 | 0.012 | |
| <u>Bar.getColorAlphaDataExtents</u> | 93 | 0.023 | 0.014 | |
| <u>fileparts</u> | 65 | 0.023 | 0.010 | |
| <u>CategoricalRuler>CategoricalRuler.computeLabels</u> | 50 | 0.022 | 0.020 | |
| <u>Bar.computeLayout</u> | 6 | 0.022 | 0.011 | |
| <u>parforOptions</u> | 6 | 0.022 | 0.002 | |
| <u>isoutlier>parseinput</u> | 12 | 0.022 | 0.011 | |
| <u>...actScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlpha_I</u> | 1698 | 0.021 | 0.021 | |
| <u>Statistics_accuracy_calculation>(parfor supply)</u> | 72 | 0.021 | 0.018 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.get.CDataMode</u> | 1238 | 0.021 | 0.021 | |
| <u>distcompdeserialize</u> (MEX-file) | 432 | 0.021 | 0.021 | |
| <u>PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)</u> | 18 | 0.021 | 0.001 | |
| <u>strcat</u> | 30 | 0.021 | 0.020 | |

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|--|------|-------|-------|--|
| makeNumeric>numericDim | 1132 | 0.021 | 0.017 | |
| Bar.Bar>Bar.doGetBaselineAxis | 93 | 0.021 | 0.015 | |
| makeUniqueStrings | 27 | 0.020 | 0.007 | |
| absolutePathForReading | 4 | 0.020 | 0.006 | |
| AbstractScatter,AbstractScatter>AbstractScatter.get.Clipping_I | 690 | 0.020 | 0.020 | |
| PoolOptions>PoolOptions.build | 6 | 0.020 | 0.004 | |
| ismember>ismemberBuiltinTypes | 62 | 0.019 | 0.019 | |
| isValidInLogScale | 504 | 0.019 | 0.011 | |
| PostUpdatePlugin>PostUpdatePlugin.cacheLoad | 18 | 0.019 | 0.008 | |
| repmat | 113 | 0.019 | 0.018 | |
| getJavaFutureResult | 6 | 0.019 | 0.002 | |
| DetectImportOptionsText>DetectImportOptionsText.removeBOM | 9 | 0.019 | 0.019 | |
| ArrayBuilder>ArrayBuilder.build | 9 | 0.019 | 0.008 | |
| getRealData | 450 | 0.018 | 0.018 | |
| TextInteractions>TextInteractions.createAndRegisterTextControl | 230 | 0.018 | 0.006 | |
| ...dAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations | 94 | 0.017 | 0.017 | |
| AcceptsFileType>AcceptsFileType.getFileTypeFirst | 9 | 0.017 | 0.005 | |
| java.util.concurrent.FutureTask (Java method) | 12 | 0.017 | 0.017 | |
| objArrayDispatch | 55 | 0.017 | 0.011 | |
| HasPropertiesAsNVPairs>HasPropertiesAsNVPairs.parseInputs | 9 | 0.017 | 0.013 | |
| rulerFunctions | 10 | 0.016 | 0.012 | |
| FastVarOpts>FastVarOpts.FastVarOpts | 9 | 0.016 | 0.011 | |
| graphics\private\clo | 4 | 0.016 | 0.016 | |
| isCharOrString | 3680 | 0.016 | 0.016 | |
| PoolOptions>PoolOptions.PoolOptions | 6 | 0.015 | 0.009 | |
| DelimitedTextInputs>DelimitedTextInputs.get.Delimiter | 18 | 0.015 | 0.003 | |
| ArgumentParser>ArgumentParser.canonicalizeNames | 18 | 0.015 | 0.011 | |
| YZProcessing04_tdoa>(parfor supply) | 72 | 0.015 | 0.012 | |
| TextInputs>TextInputs.get.LineEnding | 18 | 0.015 | 0.003 | |
| ScribeLayer,ScribeLayer>@(src,event)hObj.childAdded(src,event) | 23 | 0.015 | 0.002 | |
| Bar.Bar>Bar.get.Horizontal | 214 | 0.015 | 0.010 | |
| DetectImportOptionsText>DetectImportOptionsText.setHexType | 9 | 0.015 | 0.009 | |
| cell.strcat | 9 | 0.015 | 0.011 | |
| YZProcessing10_4thround>(parfor supply) | 72 | 0.014 | 0.013 | |
| xlim | 4 | 0.014 | 0.002 | |
| CategoricalRuler>CategoricalRuler.doChooseMajorTickValues | 68 | 0.014 | 0.011 | |
| mode | 18 | 0.014 | 0.014 | |
| hgbehaviorfactory>localGetBehaviorInfo | 28 | 0.014 | 0.014 | |
| validateAndEscapeCellStrings>escape | 54 | 0.014 | 0.005 | |
| ...ackManager.ScribeStackManager>ScribeStackManager.hasLayers | 54 | 0.014 | 0.004 | |
| datafun\private\datafuniqr | 2 | 0.013 | 0.003 | |
| distcompByteBufferHandles2MxArray (MEX-file) | 432 | 0.013 | 0.013 | |
| Engine>Engine.divideRangeIntoIntervals | 6 | 0.013 | 0.003 | |
| rmMissingOutliers>parseInputs | 12 | 0.013 | 0.006 | |

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|--|------|-------|-------|
| findall | 6 | 0.013 | 0.008 |
| <u>Bar.getSingleBarExtentsArray</u> | 6 | 0.013 | 0.009 |
| ismissing | 22 | 0.013 | 0.003 |
| ScribeLayer.ScribeLayer>ScribeLayer.childAdded | 23 | 0.013 | 0.009 |
| parseArgs | 20 | 0.013 | 0.013 |
| fileparts>legacyPCExecution | 65 | 0.013 | 0.013 |
| convertStringToCharArgs | 268 | 0.013 | 0.013 |
| <u>Bar.Bar>Bar.doPostSetup</u> | 4 | 0.012 | 0.003 |
| <u>std</u> | 216 | 0.012 | 0.003 |
| pctTryCreatePoolIfNecessary | 6 | 0.012 | 0.003 |
| AbstractScatter.AbstractScatter>AbstractScatter.get.CData_I | 690 | 0.012 | 0.012 |
| YZProcessing12_5roundd>(parfor supply) | 72 | 0.012 | 0.011 |
| attributes>checkAttrs | 11 | 0.012 | 0.006 |
| isStringScalar | 2791 | 0.011 | 0.011 |
| <u>view</u> | 4 | 0.011 | 0.005 |
| audioread>@()delete(durationListener) | 4 | 0.011 | 0.002 |
| <u>replace</u> | 63 | 0.011 | 0.007 |
| AbstractScatter.AbstractScatter>AbstractScatter.get.SelectionHandle | 1150 | 0.011 | 0.011 |
| TextInteractions>TextInteractions.getCanvas | 230 | 0.011 | 0.011 |
| PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin | 18 | 0.011 | 0.010 |
| ...ractScatter.AbstractScatter>AbstractScatter.get.MarkerEdgeColor_I | 690 | 0.011 | 0.011 |
| YZProcessing08_3roundd>(parfor supply) | 72 | 0.011 | 0.010 |
| attributes>checkInputs | 11 | 0.011 | 0.004 |
| Scatter.Scatter>Scatter.get.MarkerFaceColor | 460 | 0.011 | 0.011 |
| ...tesianAxesInteractionContainer.CartesianAxesInteractionContainer | 23 | 0.011 | 0.001 |
| <u>Bar.Bar>Bar.set.Edge_I</u> | 4 | 0.010 | 0.001 |
| Scatter.Scatter>Scatter.get.SizeData | 446 | 0.010 | 0.010 |
| <u>markFigure</u> | 41 | 0.010 | 0.010 |
| ...nager.SubplotListenersManager>SubplotListenersManager.disable | 2 | 0.010 | 0.010 |
| datafun\private\datafunigr>iqrImpl | 2 | 0.010 | 0.003 |
| ismissingKernel | 22 | 0.010 | 0.006 |
| makeUniqueStrings>makeUnique | 27 | 0.010 | 0.010 |
| <u>newplot>ObserveFigureNextPlot</u> | 234 | 0.010 | 0.010 |
| @categorical\private\checkCategoryNames | 24 | 0.010 | 0.009 |
| Channel>Channel.delete | 4 | 0.010 | 0.006 |
| ...andardAxesInteractionContainer.StandardAxesInteractionContainer | 23 | 0.009 | 0.001 |
| <u>categorical.reordercats</u> | 2 | 0.009 | 0.005 |
| PoolArrayManager>PoolArrayManager.getOrAutoCreateWithCleanup | 6 | 0.009 | 0.002 |
| configureAxes>classcheck | 516 | 0.009 | 0.009 |
| <u>var</u> | 216 | 0.009 | 0.008 |
| subplot>datasiblings | 6 | 0.009 | 0.007 |
| graph2d\private\subplot_parseargs | 6 | 0.009 | 0.008 |
| DetectImportOptionsText>DetectImportOptionsText.setBinaryType | 9 | 0.009 | 0.007 |
| <u>Bar.Bar>Bar.get.CData</u> | 97 | 0.009 | 0.007 |
| <u>Bar.Bar>Bar.setEdge_IFanoutProps</u> | 4 | 0.009 | 0.007 |

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|--|-----|-------|-------|--|
| <u>Engine>divide_biharmonic</u> | 6 | 0.009 | 0.007 | |
| <u>YZProcessing06_2ndround>(parfor supply.)</u> | 72 | 0.009 | 0.008 | |
| <u>Bar.Bar>Bar.addBarListeners</u> | 4 | 0.009 | 0.009 | |
| <u>ArgumentParser>ArgumentParser.extractArgs</u> | 9 | 0.009 | 0.009 | |
| <u>...rtOptions.TextImportOptions>TextImportOptions.TextImportOptions</u> | 9 | 0.009 | 0.002 | |
| <u>UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas</u> | 71 | 0.009 | 0.009 | |
| <u>...m.mathworks.toolbox.distcomp.util.ByteBufferHandle (Java method)</u> | 432 | 0.009 | 0.009 | |
| <u>...ctScatter.AbstractScatter>AbstractScatter.get.CurrentIconColorInfo</u> | 460 | 0.008 | 0.006 | |
| <u>Stream>Stream.Stream</u> | 8 | 0.008 | 0.006 | |
| <u>...iner>BaseAxesInteractionContainer.BaseAxesInteractionContainer</u> | 23 | 0.008 | 0.002 | |
| <u>scatter>Lxychk</u> | 230 | 0.008 | 0.006 | |
| <u>...nager.SubplotListenersManager>SubplotListenersManager.enable</u> | 2 | 0.008 | 0.008 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.get.LineWidth_I</u> | 460 | 0.008 | 0.008 | |
| <u>PluginManager>PluginManager.getPluginForRead</u> | 4 | 0.008 | 0.002 | |
| <u>InputStream>InputStream.InputStream</u> | 4 | 0.008 | 0.002 | |
| <u>validateBarRectangleData</u> | 4 | 0.008 | 0.005 | |
| <u>preprocessextents</u> | 230 | 0.008 | 0.008 | |
| <u>box</u> | 8 | 0.008 | 0.005 | |
| <u>fullfile>refinePath</u> | 27 | 0.008 | 0.005 | |
| <u>Bar.Bar>Bar.setWidth</u> | 4 | 0.008 | 0.004 | |
| <u>...itedTextInputs>DelimitedTextInputs.set.ConsecutiveDelimitersRule</u> | 9 | 0.008 | 0.002 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.set.MarkerOrder</u> | 230 | 0.008 | 0.008 | |
| <u>Scatter.getCleanData</u> | 230 | 0.008 | 0.008 | |
| <u>calculateEdgeVertexData</u> | 24 | 0.008 | 0.003 | |
| <u>PoolArrayManager>iManipulatePoolArray</u> | 6 | 0.008 | 0.004 | |
| <u>interp1q</u> | 2 | 0.007 | 0.005 | |
| <u>AbstractScatter.AbstractScatter>AbstractScatter.get.XJitter_I</u> | 460 | 0.007 | 0.007 | |
| <u>DetectImportOptions>DetectImportOptions.setVariableProps</u> | 9 | 0.007 | 0.004 | |
| <u>audioread>@()channel.close()</u> | 4 | 0.007 | 0.001 | |
| <u>generateArgumentDescriptor</u> | 11 | 0.007 | 0.007 | |
| <u>Channel>Channel.open</u> | 4 | 0.007 | 0.003 | |
| <u>colon_range_check</u> | 6 | 0.007 | 0.005 | |
| <u>parseCData</u> | 234 | 0.007 | 0.007 | |
| <u>setPrimitiveColors</u> | 8 | 0.007 | 0.007 | |
| <u>rmMissingOutliersVarargin</u> | 12 | 0.007 | 0.005 | |
| <u>Scatter.Scatter>Scatter.set.MarkerFaceColorMode</u> | 230 | 0.007 | 0.007 | |
| <u>Builder>Builder.getBuilder</u> | 9 | 0.007 | 0.002 | |
| <u>Bar.calculateBarRectangleData</u> | 4 | 0.007 | 0.006 | |
| <u>graph2d\private\labelcheck</u> | 28 | 0.007 | 0.006 | |
| <u>Scatter.Scatter>Scatter.set.MarkerFaceAlphaMode</u> | 230 | 0.007 | 0.007 | |
| <u>unescape>unescapestring</u> | 81 | 0.007 | 0.007 | |
| <u>AbstractScatter,AbstractScatter>AbstractScatter.get.Jitter_I</u> | 230 | 0.007 | 0.007 | |
| <u>SerializationNotifier>SerializationNotifier.createAccumulatingListener</u> | 6 | 0.007 | 0.004 | |
| <u>isValidInLogScale>basicImpl</u> | 484 | 0.007 | 0.007 | |
| <u>Scatter.Scatter>Scatter.set.SizeTypeMode</u> | 216 | 0.007 | 0.007 | |

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|---|-----|-------|-------|--|
| <u>AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl</u> | 36 | 0.007 | 0.006 | |
| <u>...tter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfoMode</u> | 460 | 0.007 | 0.007 | |
| <u>InteractionContainer>InteractionContainer.InteractionContainer</u> | 23 | 0.007 | 0.005 | |
| <u>Scatter.Scatter>Scatter.set.MarkerMode</u> | 216 | 0.007 | 0.007 | |
| <u>TextInputs>TextInputs.set.DataLines</u> | 18 | 0.007 | 0.003 | |
| <u>remoteparfor>iTimeUnitSeconds</u> | 120 | 0.007 | 0.007 | |
| <u>Bar.Bar>Bar.set.NumPeers</u> | 4 | 0.007 | 0.003 | |
| <u>istable</u> | 945 | 0.006 | 0.006 | |
| <u>...esInput>PreserveVariableNamesInput.set.PreserveVariableNames</u> | 9 | 0.006 | 0.003 | |
| <u>AbstractScatter,AbstractScatter>AbstractScatter.set.CData_I</u> | 230 | 0.006 | 0.006 | |
| <u>CategoricalRuler>CategoricalRuler.roundNumeric</u> | 126 | 0.006 | 0.006 | |
| <u>Bar.Bar>Bar.set.Face_I</u> | 4 | 0.006 | 0.001 | |
| <u>...terPool.AbstractClusterPool>AbstractClusterPool.get.NumWorkers</u> | 6 | 0.006 | 0.003 | |
| <u>datachk</u> | 676 | 0.006 | 0.006 | |
| <u>Channel>Channel.close</u> | 4 | 0.006 | 0.003 | |
| <u>...Scatter,AbstractScatter>AbstractScatter.get.CurrentIconColorInfo_I</u> | 920 | 0.006 | 0.006 | |
| <u>AbstractScatter,AbstractScatter>AbstractScatter.get.YJitter_I</u> | 460 | 0.006 | 0.006 | |
| <u>...ractScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeColor_I</u> | 230 | 0.006 | 0.006 | |
| <u>categorical.parenAssign</u> | 12 | 0.006 | 0.005 | |
| <u>...Scatter,AbstractScatter>AbstractScatter.set.CurrentIconColorInfo_I</u> | 230 | 0.006 | 0.006 | |
| <u>FilePath>FilePath.FilePath</u> | 4 | 0.006 | 0.003 | |
| <u>AbstractScatter,AbstractScatter>AbstractScatter.get.ZJitter_I</u> | 460 | 0.006 | 0.006 | |
| <u>scatter>Lcchk</u> | 230 | 0.006 | 0.004 | |
| <u>FastVarOpts>getOptsStructWithDefaults</u> | 23 | 0.006 | 0.006 | |
| <u>validateNVPairs</u> | 9 | 0.006 | 0.004 | |
| <u>view>ViewCore</u> | 4 | 0.005 | 0.004 | |
| <u>shaperpickeryz</u> | 216 | 0.005 | 0.005 | |
| <u>isCellOfCharVectors</u> | 81 | 0.005 | 0.005 | |
| <u>median</u> | 20 | 0.005 | 0.005 | |
| <u>...lusterPool.AbstractClusterPool>AbstractClusterPool.hGetsUsable</u> | 18 | 0.005 | 0.005 | |
| <u>DetectImportOptionsText>checkWrongParamsWrongType</u> | 9 | 0.005 | 0.002 | |
| <u>...actScatter,AbstractScatter>AbstractScatter.set.MarkerEdgeAlpha_I</u> | 230 | 0.005 | 0.005 | |
| <u>audioread>validateDataType</u> | 4 | 0.005 | 0.001 | |
| <u>compose</u> | 27 | 0.005 | 0.004 | |
| <u>ylim</u> | 6 | 0.005 | 0.001 | |
| <u>...tImportOptionsText>DetectImportOptionsText.setTextFileProperties</u> | 9 | 0.005 | 0.003 | |
| <u>TextInputs>TextInputs.get.CommentStyle</u> | 9 | 0.005 | 0.001 | |
| <u>Statistics_accuracy_calculation>(parfor consume)</u> | 72 | 0.005 | 0.005 | |
| <u>ImportOptions.ImportOptions>ImportOptions.ImportOptions</u> | 9 | 0.005 | 0.003 | |
| <u>CategoricalRuler>CategoricalRuler,CategoricalRuler</u> | 14 | 0.005 | 0.004 | |
| <u>com.mathworks.hg.util.DeferToldleState.execute (Java method)</u> | 18 | 0.005 | 0.005 | |
| <u>cellstr</u> | 57 | 0.005 | 0.005 | |
| <u>com.mathworks.toolbox.distcomp.pmode.Session (Java method)</u> | 213 | 0.005 | 0.005 | |
| <u>Scatter.mapSize</u> | 230 | 0.005 | 0.005 | |
| <u>AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl</u> | 128 | 0.005 | 0.005 | |

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|---|-----|-------|-------|--|
| <u>Bar.Bar>Bar.getHorizontalImpl</u> | 214 | 0.005 | 0.005 | |
| <u>mean>mysize</u> | 645 | 0.005 | 0.005 | |
| <u>sliced_fcnhdl_check</u> | 17 | 0.005 | 0.005 | |
| <u>Bar.Bar>Bar.setFace_IFanoutProps</u> | 4 | 0.005 | 0.003 | |
| <u>num2cell</u> | 9 | 0.005 | 0.005 | |
| <u>YZProcessing04_tdoa>(parfor consume)</u> | 72 | 0.005 | 0.005 | |
| <u>EncodingInput>EncodingInput.detectEncodingFromFilename</u> | 9 | 0.005 | 0.005 | |
| <u>remoteparfor>remoteparfor.delete</u> | 6 | 0.005 | 0.002 | |
| <u>PostUpdatePlugin>isAxesToolbarExcluded</u> | 18 | 0.005 | 0.005 | |
| <u>PointerMixin>PointerMixin.setPointerStrategy</u> | 18 | 0.004 | 0.003 | |
| <u>CellBuilder>CellBuilder.CellBuilder</u> | 9 | 0.004 | 0.003 | |
| <u>FunctionStore>FunctionStore.getFunctionByName</u> | 9 | 0.004 | 0.001 | |
| <u>EncodingInput>EncodingInput.set.Encoding</u> | 18 | 0.004 | 0.004 | |
| <u>assertUnsupportedParamsForFileType</u> | 18 | 0.004 | 0.004 | |
| <u>...tOptions.ImportOptions>ImportOptions.get.SelectedVariableNames</u> | 9 | 0.004 | 0.002 | |
| <u>remoteparfor>remoteparfor.allIntervalsAdded</u> | 6 | 0.004 | 0.003 | |
| <u>TextInputs>TextInputs.getWhitespace</u> | 9 | 0.004 | 0.001 | |
| <u>dctSchedulerMessage</u> | 18 | 0.004 | 0.003 | |
| <u>hggetbehavior>localPeek</u> | 28 | 0.004 | 0.004 | |
| <u>PluginManager>PluginManager.errorIfUnsupportedFile</u> | 4 | 0.004 | 0.003 | |
| <u>validateAndEscapeStrings</u> | 9 | 0.004 | 0.002 | |
| <u>HasPropertiesAsNVPairs>getParserByClass</u> | 9 | 0.004 | 0.004 | |
| <u>FigureUtils>FigureUtils.isEditorSnapshotFigure</u> | 71 | 0.004 | 0.004 | |
| <u>OutputStream>OutputStream.OutputStream</u> | 4 | 0.004 | 0.001 | |
| <u>...),A,'scalartext',fname,'expectedScalartext',msgId,argname,argpos)</u> | 11 | 0.004 | 0.001 | |
| <u>validatestring>checkInputs</u> | 42 | 0.004 | 0.004 | |
| <u>istimetable</u> | 948 | 0.004 | 0.004 | |
| <u>detectTypes>getDominantType</u> | 9 | 0.004 | 0.003 | |
| <u>AbstractScatter,AbstractScatter>AbstractScatter.get.BrushHandles</u> | 230 | 0.004 | 0.002 | |
| <u>CategoricalRuler>CategoricalRuler.makeNumeric</u> | 14 | 0.004 | 0.003 | |
| <u>validateLineIntervals</u> | 18 | 0.004 | 0.004 | |
| <u>colorpickeryz</u> | 594 | 0.004 | 0.004 | |
| <u>FastVarOpts>FastVarOpts.fixSelection</u> | 18 | 0.004 | 0.004 | |
| <u>YZProcessing06_2ndround>(parfor consume)</u> | 72 | 0.004 | 0.004 | |
| <u>graphics\private\claNotify</u> | 4 | 0.004 | 0.004 | |
| <u>Bar.createBarVertexData</u> | 4 | 0.004 | 0.003 | |
| <u>ReadCell>ReadCell.getExtensions</u> | 9 | 0.004 | 0.001 | |
| <u>deal</u> | 230 | 0.004 | 0.004 | |
| <u>FilePath>FilePath.get.Exists</u> | 12 | 0.004 | 0.004 | |
| <u>YZProcessing10_4thround>(parfor consume)</u> | 72 | 0.004 | 0.004 | |
| <u>...catter.AbstractScatter>AbstractScatter.get.MarkerEdgeColorMode</u> | 230 | 0.004 | 0.004 | |
| <u>...catter.AbstractScatter>AbstractScatter.get.MarkerEdgeAlphaMode</u> | 230 | 0.004 | 0.004 | |
| <u>fullfile>ensureTrailingFilesep</u> | 27 | 0.004 | 0.001 | |
| <u>isCharVector</u> | 112 | 0.004 | 0.004 | |

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|---|-----|-------|-------|--|
| collectSeriesData | 6 | 0.004 | 0.004 | |
| Channel>Channel.postInit | 4 | 0.004 | 0.004 | |
| IconColorInfoCache>IconColorInfoCache.IconColorInfoCache | 460 | 0.003 | 0.003 | |
| SubplotListenersManager.SubplotListenersManager>find3emptycells | 4 | 0.003 | 0.003 | |
| partialMatchString | 86 | 0.003 | 0.003 | |
| ArgumentParser>ArgumentParser.checkAlias | 18 | 0.003 | 0.003 | |
| ...amesInput>PreserveVariableNamesInput.set.VariableNamingRule | 9 | 0.003 | 0.002 | |
| computeBars | 6 | 0.003 | 0.003 | |
| DetectImportOptionsText>DetectImportOptionsText.setFileProps | 9 | 0.003 | 0.003 | |
| FunctionStore>accessMap | 9 | 0.003 | 0.003 | |
| SerializationNotifier>SerializationNotifier.createSerializationListener | 6 | 0.003 | 0.002 | |
| FilePath>FilePath.get.Readable | 4 | 0.003 | 0.002 | |
| ismissingKernel>arraySwitch | 22 | 0.003 | 0.003 | |
| attributes>checkClass | 11 | 0.003 | 0.003 | |
| FilePath>FilePath.get.Absolute | 4 | 0.003 | 0.002 | |
| remoteparfor>remoteparfor.getDispatchSizes | 6 | 0.003 | 0.002 | |
| InteractionContainer>InteractionContainer.get.Enabled | 71 | 0.003 | 0.003 | |
| DetectImportOptions>DetectImportOptions.set.NumHeaderLines | 9 | 0.003 | 0.002 | |
| audioread>validateRange | 4 | 0.003 | 0.002 | |
| DetectImportOptions>getSuppliedProperties | 18 | 0.003 | 0.003 | |
| YZProcessing12_5round>(parfor consume) | 72 | 0.003 | 0.003 | |
| setRulerLayerTop | 4 | 0.003 | 0.003 | |
| YZProcessing08_3round>(parfor consume) | 72 | 0.003 | 0.003 | |
| ...taFromDetection>TableMetaDataFromDetection.setMetaLocations | 9 | 0.003 | 0.003 | |
| CategoricalRuler>CategoricalRuler.doStretchLimits | 32 | 0.003 | 0.003 | |
| AnnotationPane.AnnotationPane>AnnotationPane.addChild | 36 | 0.003 | 0.003 | |
| ImportOptions.ImportOptions>ImportOptions.useGeneratedNames | 18 | 0.003 | 0.003 | |
| validateFileName>localUnique | 18 | 0.003 | 0.003 | |
| findall>showHiddenHandlesToFindAllHandles | 6 | 0.003 | 0.003 | |
| AcceptsFileType>AcceptsFileType.getExtensions | 9 | 0.003 | 0.001 | |
| clearNotify | 1 | 0.003 | 0.003 | |
| remoteparfor>remoteparfor.drainIntervals | 6 | 0.003 | 0.002 | |
| ...ScribeLayer>@(src,event)hObj.childRemovedOrDeleted(src,event) | 1 | 0.003 | 0.001 | |
| attributes>valueAttributor | 11 | 0.003 | 0.002 | |
| ...ger.SubplotListenersManager>@(o,e)subplotLayoutInvalid(ax,e,fig) | 22 | 0.003 | 0.003 | |
| strfun\private\isTextStrict | 90 | 0.003 | 0.003 | |
| isPublishingTest | 107 | 0.003 | 0.003 | |
| TextInputs>TextInputs.set.VariableNamesLine | 9 | 0.003 | 0.002 | |
| ..lusterPool.AbstractClusterPool>AbstractClusterPool.get.Connected | 12 | 0.003 | 0.001 | |
| fullfile>fixIRI | 18 | 0.003 | 0.003 | |
| ExecutableFunction>ExecutableFunction.get.NumRequired | 18 | 0.003 | 0.002 | |
| Bar.Bar>Bar.set.BarWidthMode | 4 | 0.003 | 0.002 | |
| Channel>Channel.preOpen | 4 | 0.003 | 0.003 | |
| Bar.Bar>Bar.set.NumPeersMode | 4 | 0.003 | 0.002 | |
| categorical.parenReference | 8 | 0.002 | 0.002 | |

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|--|-----|-------|-------|--|
| <u>readcell>@()func.WorkSheet.clear()</u> | 9 | 0.002 | 0.002 | |
| <u>makeUniqueStrings>validateExclStrOrElemToChk</u> | 27 | 0.002 | 0.002 | |
| <u>Channel>Channel.postClose</u> | 4 | 0.002 | 0.002 | |
| <u>usejava</u> | 36 | 0.002 | 0.002 | |
| <u>interp1q>linformula</u> | 2 | 0.002 | 0.002 | |
| <u>ArrayBuilder>ArrayBuilder.shapedata</u> | 9 | 0.002 | 0.002 | |
| <u>fullfile>addTrailingFileSep</u> | 27 | 0.002 | 0.002 | |
| <u>Bar.Bar>Bar.get.BarLayout</u> | 10 | 0.002 | 0.002 | |
| <u>...ns>DetectImportOptionsFileExtensions.getFileTypeFromExtension</u> | 9 | 0.002 | 0.002 | |
| <u>strfun\private\convertStringToOriginalTextType</u> | 63 | 0.002 | 0.002 | |
| <u>Bar.Bar>Bar.get.CData_I</u> | 101 | 0.002 | 0.002 | |
| <u>ChildEventData>ChildEventData.ChildEventData</u> | 23 | 0.002 | 0.002 | |
| <u>rulerFunctions>parseFunctionName</u> | 10 | 0.002 | 0.002 | |
| <u>istabular</u> | 78 | 0.002 | 0.002 | |
| <u>RemoteToLocal>RemoteToLocal.RemoteToLocal</u> | 4 | 0.002 | 0.002 | |
| <u>Bar.Bar>Bar.get.EdgeColor</u> | 8 | 0.002 | 0.002 | |
| <u>...escriptorBehavior>DataDescriptorBehavior.DataDescriptorBehavior</u> | 14 | 0.002 | 0.002 | |
| <u>isCharString</u> | 78 | 0.002 | 0.002 | |
| <u>FilePath>FilePath.set.Extension</u> | 4 | 0.002 | 0.002 | |
| <u>attributes>findSupportedAttr</u> | 11 | 0.002 | 0.002 | |
| <u>ImportOptions.ImportOptions>ImportOptions.setUnboundedSelection</u> | 9 | 0.002 | 0.002 | |
| <u>ReadCellText>checkWrongParamsWrongType</u> | 9 | 0.002 | 0.001 | |
| <u>checkpvpairs</u> | 230 | 0.002 | 0.002 | |
| <u>Channel>Channel.lock</u> | 4 | 0.002 | 0.001 | |
| <u>DelimitedTextInputs>DelimitedTextInputs.set.TrailingDelimitersRule</u> | 9 | 0.002 | 0.001 | |
| <u>categorical.categorical>isNVpair</u> | 28 | 0.002 | 0.002 | |
| <u>Bar.Bar>Bar.get.WidthScaleFactor</u> | 103 | 0.002 | 0.002 | |
| <u>...deStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy</u> | 18 | 0.002 | 0.001 | |
| <u>remoteparfor>iErrorCheckPool</u> | 6 | 0.002 | 0.001 | |
| <u>TextDataReader>TextDataReader.initRowNames</u> | 9 | 0.002 | 0.002 | |
| <u>Stream>Stream.isSupported</u> | 8 | 0.002 | 0.002 | |
| <u>ArrayBuilder>ArrayBuilder.ArrayBuilder</u> | 9 | 0.002 | 0.001 | |
| <u>...eStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy</u> | 18 | 0.002 | 0.001 | |
| <u>SubplotListenersManager.SubplotListenersManager>findemptycell</u> | 4 | 0.002 | 0.002 | |
| <u>Stream>Stream.addFilter</u> | 4 | 0.002 | 0.002 | |
| <u>Channel>Channel.isOpen</u> | 12 | 0.002 | 0.002 | |
| <u>parallel\private\dctSchedulerMessageHandler</u> | 18 | 0.002 | 0.002 | |
| <u>RemoteToLocal>RemoteToLocal.delete</u> | 4 | 0.002 | 0.001 | |
| <u>Bar.Bar>Bar.get.FaceAlpha</u> | 4 | 0.002 | 0.001 | |
| <u>ToolbarFactory>ToolbarFactory.getInstance</u> | 18 | 0.002 | 0.002 | |
| <u>Builder>Builder.removeOmittedRowsAndVars</u> | 18 | 0.002 | 0.002 | |
| <u>repmat>checkSizesType</u> | 215 | 0.002 | 0.002 | |
| <u>ScribeLayer,ScribeLayer>ScribeLayer.childRemovedOrDeleted</u> | 1 | 0.002 | 0.002 | |
| <u>Bar.Bar>Bar.get.EdgeAlpha</u> | 4 | 0.002 | 0.001 | |
| <u>parallel_function>results</u> | 6 | 0.002 | 0.002 | |

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|---|-----|-------|-------|--|
| ImportOptions.ImportOptions > ImportOptions.getSelectedIDs | 9 | 0.002 | 0.001 | |
| checkInputName | 2 | 0.002 | 0.002 | |
| ScribeLayer.ScribeLayer > ScribeLayer.checkValidity | 23 | 0.002 | 0.002 | |
| PrintBehavior > PrintBehavior.dosupport | 14 | 0.002 | 0.002 | |
| serializationProfiling | 6 | 0.002 | 0.002 | |
| findall >@()set(rootobj,'ShowHiddenHandles','Temp') | 6 | 0.002 | 0.002 | |
| ScribeLayer.ScribeLayer > ScribeLayer.findCanvas | 24 | 0.002 | 0.002 | |
| incrementParallelFunctionDepth | 12 | 0.002 | 0.002 | |
| parallel_function > PCTInstalled | 6 | 0.002 | 0.001 | |
| DisarmableOncleanup > DisarmableOncleanup.DisarmableOncleanup | 12 | 0.002 | 0.002 | |
| Stream > Stream.delete | 8 | 0.002 | 0.002 | |
| PostUpdatePlugin > localGetCanvasContainingAncestor | 18 | 0.001 | 0.001 | |
| FigureUtils > FigureUtils.isEditorEmbeddedFigure | 71 | 0.001 | 0.001 | |
| FastVarOpts > FastVarOpts.numVars | 36 | 0.001 | 0.001 | |
| AbstractScatter , AbstractScatter > AbstractScatter.getBrushHandles_I | 230 | 0.001 | 0.001 | |
| PrintBehavior > PrintBehavior.PrintBehavior | 14 | 0.001 | 0.001 | |
| ... b.graphics.illustration.ColorBar') isa(obj,'matlab.ui.control.UIAxes') | 444 | 0.001 | 0.001 | |
| categoricalisempty | 58 | 0.001 | 0.001 | |
| ... bleNamesInput> PreserveVariableNamesInput.validateNamingRule | 9 | 0.001 | 0.001 | |
| var > mysize | 216 | 0.001 | 0.001 | |
| categorical.countcats | 2 | 0.001 | 0.001 | |
| Bar.Bar > Bar.get.YOffset | 10 | 0.001 | 0.001 | |
| ... istenersManager> SubplotDeleteListenersManager.addToListeners | 6 | 0.001 | 0.001 | |
| subplot > isSubplotCandidate | 8 | 0.001 | 0.001 | |
| TextInputs > TextInputs.TextInputs | 9 | 0.001 | 0.001 | |
| isValidInLogScale > providerImpl | 20 | 0.001 | 0.001 | |
| DataDescriptorBehavior > DataDescriptorBehavior.dosupport | 14 | 0.001 | 0.001 | |
| categorical.categorical > categorical.castCodes | 34 | 0.001 | 0.001 | |
| validateNVPairs > isNonEmptyScalarText | 9 | 0.001 | 0.001 | |
| FileExtensions > FileExtensions.getExtensionsFromType | 9 | 0.001 | 0.001 | |
| assertNoTableInputs | 9 | 0.001 | 0.001 | |
| DetectImportOptionsText > DetectImportOptionsText.setVarNames | 9 | 0.001 | 0.001 | |
| audioread > validateRangeWithTotalSamples | 4 | 0.001 | 0.001 | |
| Engine > Engine.Engine | 6 | 0.001 | 0.001 | |
| Channel > Channel.preTerm | 4 | 0.001 | 0.001 | |
| CanvasPlugin.CanvasPlugin > CanvasPlugin.getInstance | 18 | 0.001 | 0.001 | |
| incrementPeerID | 4 | 0.001 | 0.001 | |
| Bar.Bar > Bar.get.FaceColor_I | 28 | 0.001 | 0.001 | |
| mustBeValidGraphicsObject | 23 | 0.001 | 0.001 | |
| FastVarOpts > FastVarOpts.getTypes | 36 | 0.001 | 0.001 | |
| blanks | 30 | 0.001 | 0.001 | |
| ... nersManager> SubplotListenersManager.SubplotListenersManager | 2 | 0.001 | 0.001 | |
| xyzline > parseLineStyle | 8 | 0.001 | 0.001 | |
| pwd | 42 | 0.001 | 0.001 | |
| getJavaFutureInterruptibly >@()future.cancel(true) | 6 | 0.001 | 0.001 | |

| | | | | |
|---|-----|-------|-------|--|
| PluginManager>PluginManager.getInstance | 12 | 0.001 | 0.001 | |
| remoteParfor>remoteParfor.rangeDivided | 6 | 0.001 | 0.001 | |
| scatter>Lschk | 216 | 0.001 | 0.001 | |
| Channel>Channel.updateAndFetchLockCount | 8 | 0.001 | 0.001 | |
| categorical.double | 14 | 0.001 | 0.001 | |
| ...ckManager.ScribeStackManager>ScribeStackManager.getInstance | 18 | 0.001 | 0.001 | |
| categorical.numel | 14 | 0.001 | 0.001 | |
| fullfile>@(x)~iscell(x)&&isempty(x) | 18 | 0.001 | 0.001 | |
| DetectImportOptionsText>checkDelimitedFixedWidthWrongParams | 9 | 0.001 | 0.001 | |
| +file\private\mexAudioPluginManager (MEX-file) | 4 | 0.001 | 0.001 | |
| SerializationNotifier>SerializationNotifier.getInstance | 6 | 0.001 | 0.001 | |
| ...{x,'string'}&&isscalar(x)&&~ismissing(x) {ischar(x)&&size(x,1)<=1} | 11 | 0.001 | 0.001 | |
| TextInputs>TextInputs.setUnescapedWhitespace | 9 | 0.001 | 0.001 | |
| ruler2num | 4 | 0.001 | 0.001 | |
| remoteParfor>remoteParfor.initialDispatchFactor | 6 | 0.001 | 0.001 | |
| HGBehavior>HGBehavior.HGBehavior | 28 | 0.001 | 0.001 | |
| colon_range_check>integer_range_overflow_check | 6 | 0.001 | 0.001 | |
| view>isAxesHandle | 4 | 0.001 | 0.001 | |
| isCategorical | 103 | 0.001 | 0.001 | |
| Bar.Bar>Bar.doSetup | 4 | 0.001 | 0.001 | |
| rmMissingOutliers>reduceSize | 12 | 0.001 | 0.001 | |
| Bar.Bar>Bar.getWidthScaleFactor_I | 109 | 0.001 | 0.001 | |
| remoteParfor>remoteParfor.maxBacklog | 6 | 0.001 | 0.001 | |
| InputStream>InputStream.readPartialIPacket | 4 | 0.001 | 0.001 | |
| ...ntLine.ConstantLine>mustBeFiniteNumericDateTimeOrCategorical | 24 | 0.001 | 0.001 | |
| Bar.Bar>Bar.get.Edge | 32 | 0.001 | 0.001 | |
| Engine>Engine.numIntervalsFactor | 6 | 0.001 | 0.001 | |
| Bar.Bar>Bar.get.BarWidth | 10 | 0.001 | 0.001 | |
| Bar.Bar>Bar.get.XOffset | 10 | 0.001 | 0.001 | |
| ...ClusterPool.AbstractClusterPool>AbstractClusterPool.hGetSession | 12 | 0.001 | 0.001 | |
| ArgumentParser>matchPartial | 18 | 0.001 | 0.001 | |
| PoolOptions>isValidMaxNumWorkers | 6 | 0.001 | 0.001 | |
| categorical.categories | 52 | 0.001 | 0.001 | |
| UsesWorksheet>UsesWorksheet.clear | 9 | 0.001 | 0.001 | |
| FastVarOpt>FastVarOpt.setVarOpt | 36 | 0.001 | 0.001 | |
| CategoricalRuler>categoriesInRealOrder | 14 | 0.001 | 0.001 | |
| rmMissingOutliers>cumputeIndex | 12 | 0.001 | 0.001 | |
| Bar.Bar>Bar.get.NumPeers | 6 | 0.001 | 0.001 | |
| validateLogical | 40 | 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 | |
| Bar.Bar>Bar.get.Face | 20 | 0.001 | 0.001 | |
| Channel>Channel.unlock | 4 | 0.001 | 0.001 | |

| | | | | |
|---|----|-------|-------|--|
| <u>Bar.getSingleBarExtentsArray>applyConstraints</u> | 6 | 0.001 | 0.001 | |
| <u>graph2d\private\labelcheck>local_labelobj</u> | 6 | 0.001 | 0.001 | |
| <u>TextDataReader>updateDatalines</u> | 9 | 0.001 | 0.001 | |
| <u>DetectImportOptions>validateScalarInt</u> | 9 | 0.001 | 0.001 | |
| <u>InputStream>InputStream.clearPartialPacket</u> | 4 | 0.001 | 0.001 | |
| <u>isPCTInstalled</u> | 6 | 0.001 | 0.001 | |
| <u>isScalarText</u> | 12 | 0.001 | 0.001 | |
| <u>mustBeNonnegative</u> | 9 | 0.001 | 0.001 | |
| <u>hasDisplay</u> | 36 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.YOffset_I</u> | 16 | 0.001 | 0.001 | |
| <u>MessageHandler>MessageHandler.MessageHandler</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.Clipping_I</u> | 8 | 0.001 | 0.001 | |
| <u>categorical.length</u> | 28 | 0.001 | 0.001 | |
| <u>isFigureShowEnabled</u> | 36 | 0.001 | 0.001 | |
| <u>TextInputs>validateLineNumber</u> | 9 | 0.001 | 0.001 | |
| <u>endpoint_check</u> | 12 | 0.001 | 0.001 | |
| <u>xyline>validateData</u> | 24 | 0.001 | 0.001 | |
| <u>RemoteToLocal>RemoteToLocal.deleteIfLocalCopy</u> | 4 | 0.001 | 0.001 | |
| <u>categorical.categorical>categorical.isordinal</u> | 30 | 0.001 | 0.001 | |
| <u>Options>Options.Options</u> | 6 | 0.001 | 0.001 | |
| <u>DelimitedTextInputs>DelimitedTextInputs.getUnescapedDelimiter</u> | 9 | 0.001 | 0.001 | |
| <u>DisarmableOncleanup>DisarmableOncleanup.delete</u> | 12 | 0.001 | 0.001 | |
| <u>range_step_check</u> | 6 | 0.001 | 0.001 | |
| <u>TextInputs>TextInputs.getUnescapedWhitespace</u> | 9 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.BarLayout_I</u> | 10 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.EdgeColor_I</u> | 8 | 0.001 | 0.001 | |
| <u>...graphics.illustration.ColorBar') isa(ax,'matlab.graphics.chart.Chart')</u> | 10 | 0.001 | 0.001 | |
| <u>remoteparfor>remoteparfor.getNumWorkers</u> | 6 | 0.001 | 0.001 | |
| <u>..seAxesInteractionContainer>BaseAxesInteractionContainer.set.is2d</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.XOffset_I</u> | 16 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.BarWidth_I</u> | 14 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.set.BarOrder</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.NumPeers_I</u> | 10 | 0.001 | 0.001 | |
| <u>generateArgumentDescriptor>isCharOrString</u> | 33 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.BrushHandles</u> | 4 | 0.001 | 0.001 | |
| <u>PluginManager>PluginManager.errorIfFile</u> | 12 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.SelectionHandle</u> | 4 | 0.001 | 0.001 | |
| <u>PluginManager>PluginManager.handlePluginError</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.FaceColorMode</u> | 4 | 0.001 | 0.001 | |
| <u>parenReference_1D</u> | 8 | 0.001 | 0.001 | |
| <u>ReadCell>ReadCell.usingRequired</u> | 27 | 0.001 | 0.001 | |
| <u>DisarmableOncleanup>DisarmableOncleanup.disarm</u> | 12 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.CDataMode</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.set.FaceColor_I</u> | 4 | 0.001 | 0.001 | |
| <u>Engine>iClamp</u> | 30 | 0.001 | 0.001 | |

| | | | | |
|--|----|-------|-------|--|
| <u>Bar.Bar>Bar.get.LineStyle_I</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.set.CData_I</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.set.PrepWasAlreadyRun</u> | 4 | 0.001 | 0.001 | |
| <u>mustBeNumericOrLogical</u> | 9 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.LineWidth_I</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.NumPeersMode</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.get.BarWidthMode</u> | 4 | 0.001 | 0.001 | |
| <u>Bar.Bar>Bar.set.BarPeerID</u> | 4 | 0.000 | 0.000 | |
| <u>Bar.Bar>Bar.get.FaceAlpha_I</u> | 4 | 0.000 | 0.000 | |
| <u>Bar.Bar>Bar.set.BarWidth_I</u> | 4 | 0.000 | 0.000 | |
| <u>Bar.Bar>Bar.get.EdgeAlpha_I</u> | 4 | 0.000 | 0.000 | |
| <u>CategoricalRuler>CategoricalRuler.allowTickLabelThinning</u> | 50 | 0.000 | 0.000 | |
| <u>AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy</u> | 18 | 0.000 | 0.000 | |
| <u>PointerMixin>PointerMixin.PointerMixin</u> | 18 | 0.000 | 0.000 | |
| <u>missing>missing.missing</u> | 9 | 0.000 | 0.000 | |
| <u>PointerModeStrategy>PointerModeStrategy.PointerModeStrategy</u> | 18 | 0.000 | 0.000 | |
| <u>...sNVPairs>HasPropertiesAsNVPairs.assertNoAdditionalParameters</u> | 9 | 0.000 | 0.000 | |
| <u>...tiesAsNVPairs>HasPropertiesAsNVPairs.HasPropertiesAsNVPairs</u> | 9 | 0.000 | 0.000 | |
| <u>DataReader>DataReader.DataReader</u> | 9 | 0.000 | 0.000 | |
| <u>remoteparfor>iClamp</u> | 6 | 0.000 | 0.000 | |
| <u>Builder>Builder.Builder</u> | 9 | 0.000 | 0.000 | |
| <u>...r>SubplotDeleteListenersManager.SubplotDeleteListenersManager</u> | 6 | 0.000 | 0.000 | |
| <u>...rrorRulesInputs>MissingErrorRulesInputs.MissingErrorRulesInputs</u> | 9 | 0.000 | 0.000 | |
| <u>...sInput>PreserveVariableNamesInput.PreserveVariableNamesInput</u> | 9 | 0.000 | 0.000 | |
| <u>...nNotifier>SerializationNotifier.createAccumulatingListener/nGetList</u> | 6 | 0.000 | 0.000 | |
| <u>DelimitedTextInputs>DelimitedTextInputs.DelimitedTextInputs</u> | 9 | 0.000 | 0.000 | |
| <u>EncodingInput>EncodingInput.EncodingInput</u> | 9 | 0.000 | 0.000 | |
| <u>Saveable>Saveable.Saveable</u> | 9 | 0.000 | 0.000 | |
| <u>isdatetime</u> | 12 | 0.000 | 0.000 | |
| <u>supportedTypeNames</u> | 18 | 0.000 | 0.000 | |
| <u>run>@()()</u> | 15 | 0.000 | 0.000 | |
| <u>isduration</u> | 12 | 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.