





























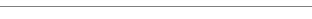
















Profile Summary (Total time: 40705.650 s)

Generated 24-May-2023 02:30:37 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
product_code_test_v2	1	40704.448	32.175	
product_code_dec_v2	15000	40631.791	52.652	
BCHE_decode	7680000	40579.138	120.350	
BCH_decode_v2	7680000	40458.789	40409.753	
BinToDec	7682151	49.037	49.037	
product_code_enc_v2	100	23.095	0.239	
BCHE_encode	49500	22.857	0.307	
BCH_encode	49500	22.550	22.550	
rng	1500	16.019	0.086	
RandStream.RandStream>RandStream.shuffleSeed	1500	15.168	15.046	
plotting_script	1	1.351	0.197	
legend	1	0.584	0.007	
legend>make_legend	1	0.575	0.033	
newplotwrapper	11	0.472	0.026	
newplot	11	0.446	0.185	
rng>getCurrentType	1500	0.439	0.147	
Legend.doUpdate	1	0.375	0.018	
EvaluationOutputsService>EvaluationOutputsService.cleanup	10	0.352	0.149	
Legend.doMethod	11	0.330	0.160	
RandStream.RandStream>localGetSetGlobalStream	3000	0.286	0.246	
Legend.Legend>Legend.Legend	2	0.200	0.022	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	1	0.199	0.021	
RandStream.RandStream>RandStream.setGlobalStream	1500	0.164	0.009	
RandStream.RandStream>RandStream.RandStream	1500	0.162	0.092	
RandStream.RandStream>RandStream.subsref	1500	0.151	0.151	
Legend.Legend>Legend.set.Axes	1	0.143	0.001	
Legend.Legend>Legend.set.Axes_1	1	0.142	0.001	
Legend.Legend>Legend.setAxesImpl	1	0.141	0.007	
RandStream.RandStream>RandStream.getGlobalStream	1500	0.141	0.010	
Legend.doSetup	2	0.127	0.070	
legendcolorbarlayout	2	0.127	0.048	
now	4501	0.122	0.060	
legend>find_legend	1	0.116	0.115	
...sLayoutManager.AxesLayoutManager>AxesLayoutManager.doUpdate	1	0.112	0.023	
legend>process_inputs	1	0.112	0.013	
getFileInfoForToolstrip	18	0.108	0.099	
LegendEntry.LegendEntry>LegendEntry.LegendEntry	11	0.094	0.009	
ToolbarFactory>ToolbarFactory.getToolbar	1	0.085	0.053	
CanvasSetup>CanvasSetup.createScribeLayers	1	0.085	0.014	
DocumentAction>DocumentAction.onClose	5	0.076	0.013	
LegendEntry.LegendEntry>LegendEntry.doSetup	11	0.073	0.019	
...ibeStackManager.ScribeStackManager>ScribeStackManager.getLayer	4	0.071	0.003	
FigureManager>FigureManager.cleanupAfterEval	10	0.067	0.026	
...tackManager.ScribeStackManager>ScribeStackManager.createLayer	3	0.065	0.035	
datenum	4501	0.062	0.062	

updateLegendMenuToolBar	1	0.061	0.017	
findOpenDocument	5	0.061	0.005	
UnifiedAxesInteractions.createDefaultInteractions	1	0.058	0.003	
...eractions.createDefaultInteractionsInSync(ax.is2dim.numDataSpaces)	1	0.055	0.003	
...ayoutManager.AxesLayoutManager>AxesLayoutManager.getManager	2	0.054	0.023	
Document.Document>Document.findEditor	5	0.053	0.003	
UnifiedAxesInteractions.createDefaultInteractionsInSync	1	0.052	0.007	
RandStream.RandStream>getargs	1500	0.050	0.050	
DocumentUtils.DocumentUtils>DocumentUtils.findEditor	5	0.049	0.001	
legend>getLegendableChildren	1	0.049	0.003	
DocumentUtils.DocumentUtils>performAction	5	0.048	0.008	
Legend.getPreferredSize	1	0.048	0.006	
getLegendableChildren	1	0.046	0.012	
FigureManager>FigureManager.closeAllEditorFigures	10	0.046	0.017	
LegendEntry.LegendEntry>LegendEntry.doUpdate	11	0.044	0.022	
RandStream.RandStream>RandStream.delete	1500	0.040	0.040	
UnifiedAxesInteractions.createInteractionsForTitlesAndLabels	1	0.040	0.000	
findall	14	0.040	0.027	
...ractions>UnifiedAxesInteractions.createCartesianAxesTextInteractions	1	0.039	0.001	
xlabel	1	0.039	0.014	
...Interactions>UnifiedAxesInteractions.setDefaultBehaviorForTextArray	1	0.038	0.003	
FigureManager>FigureManager.destroyAllEditorFigureData	10	0.037	0.010	
UnifiedAxesInteractions.setDefaultBehaviorForText	2	0.035	0.004	
Text.Text>Text.Text	11	0.034	0.003	
hggetbehavior	4	0.033	0.001	
...roller.DesktopToolBarController>DesktopToolBarController.getInstance	1	0.033	0.001	
hggetbehavior>localGet	4	0.032	0.010	
Legend.autoUpdateCallback	1	0.032	0.006	
...ToolBarController>DesktopToolBarController.DesktopToolBarController	1	0.032	0.013	
Text.Text>Text.doSetup	11	0.032	0.020	
axis\private\labelcheck	2	0.029	0.023	
hold	2	0.027	0.013	
RtcEditorDocument.RtcEditorDocument>RtcEditorDocument.findEditor	5	0.026	0.003	
InteractionContainer>InteractionContainer.setInteractionsArray	2	0.025	0.000	
InteractionContainer>InteractionContainer.set.InteractionsArray	2	0.025	0.002	
...LayoutManager.AxesLayoutManager>AxesLayoutManager.addToTree	1	0.024	0.005	
TextInteractionContainer>TextInteractionContainer.updateInteractions	15	0.022	0.003	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	3	0.022	0.009	
newplot>ObserveAxesNextPlot	11	0.021	0.007	
...tManager.AxesLayoutManager>AxesLayoutManager.insertAboveAxes	1	0.021	0.008	
FigureManager>FigureManager.useEmbeddedFigures	10	0.021	0.018	
hgbehaviorfactory	4	0.020	0.000	
RandStream.RandStream>RandStream.algName	1500	0.020	0.020	
executeCallback	5	0.020	0.011	
hgbehaviorfactory>localCreate	4	0.020	0.016	
ismember	5	0.020	0.005	
FigureManager>FigureManager.isEditorFigure	20	0.019	0.009	
InteractionContainer>InteractionContainer.InteractionContainer	14	0.018	0.010	
uigettool	2	0.018	0.006	
...ger.AxesLayoutManager>AxesLayoutManager.updateInnerOuterLists	1	0.017	0.006	

setdiff	2	0.017	0.003	
makehgtform	11	0.017	0.012	
RtcEditorDocument.RtcEditorDocument>getEditorClientForFile	5	0.017	0.009	
islegendable	2	0.017	0.014	
xlim	1	0.017	0.010	
Legend.Legend>Legend.set.BoxEdge_l	2	0.017	0.002	
...xtInteractionContainer>TextInteractionContainer.createJavaInteractions	4	0.016	0.006	
flipud	16	0.015	0.003	
EODataStore>EODataStore.getEditorSubMap	90	0.015	0.006	
allchild	3	0.015	0.013	
LegendIcon.LegendIcon>LegendIcon.LegendIcon	22	0.015	0.015	
gobjects	25	0.015	0.015	
Legend.Legend>Legend.setBoxEdge_lFanoutProps	2	0.015	0.005	
FigureManager>FigureManager.disableCaptureFigures	10	0.015	0.009	
TmpFilePath>TmpFilePath.delete	10	0.014	0.005	
ismember>ismemberR2012a	5	0.014	0.008	
cla	1	0.014	0.007	
setdiff>setdiffR2012a	2	0.014	0.004	
EODataStore>EODataStore.getEditorMap	170	0.013	0.008	
Legend.getNamesForLayout	2	0.013	0.010	
flip	16	0.012	0.004	
FigureManager>FigureManager.clearVisualOutputData	20	0.012	0.006	
...teractionContainer>TextInteractionContainer.TextInteractionContainer	13	0.011	0.002	
...artesianAxesInteractionContainer.CartesianAxesInteractionContainer	1	0.011	0.001	
FigureManager>FigureManager.cleanupOnEditorClose	10	0.011	0.003	
ToolbarController.ToolbarController>ToolbarController.ToolbarController	1	0.011	0.010	
FigureUtils>FigureUtils.isEditorFigure	20	0.010	0.004	
...esLayoutManager>AxesLayoutManager.updateStartingLayoutPosition	1	0.010	0.010	
...StandardAxesInteractionContainer.StandardAxesInteractionContainer	1	0.010	0.000	
EditInteraction>EditInteraction.createInteraction	4	0.010	0.006	
TextInteractions>TextInteractions.updateTextInteractions	13	0.010	0.002	
...ntainer>BaseAxesInteractionContainer.BaseAxesInteractionContainer	1	0.010	0.001	
...sLayoutManager>AxesLayoutManager.removeInvalidLayoutListItems	1	0.010	0.001	
...beStackManager.ScribeStackManager>ScribeStackManager.findLayer	19	0.010	0.010	
Legend.Legend>Legend.set.Location	2	0.010	0.001	
mpower	2	0.010	0.010	
...EditorDocument.JavaEditorDocument>JavaEditorDocument.findEditor	5	0.010	0.005	
...nager.AxesLayoutManager>AxesLayoutManager.AxesLayoutManager	1	0.010	0.001	
Legend.setupBoxEdge	2	0.009	0.008	
FigureManager>FigureManager.closeFiguresCachedInAppDataTag	10	0.009	0.007	
Legend.attachAxesListeners	1	0.009	0.004	
Legend.Legend>Legend.get.BoxEdge	35	0.009	0.009	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	2	0.009	0.002	
LegendEntry.LegendEntry>LegendEntry.set.Object	11	0.009	0.007	
fileparts	18	0.009	0.004	
...outManager.AxesLayoutManager>AxesLayoutManager.ValidateObject	1	0.009	0.001	
EODataStore>EODataStore.removeEditorSubMap	60	0.009	0.004	
rulerFunctions	2	0.008	0.006	
Legend.Legend>Legend.set.Location_l	2	0.008	0.001	
ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	2	0.008	0.001	

InteractionContainer>InteractionContainer.set.InteractionsArrayMode	16	0.008	0.005	
PointerMixin>PointerMixin.setPointerStrategy	1	0.008	0.008	
flip	16	0.008	0.008	
markFigure	5	0.008	0.008	
FigureManager>FigureManager.safeSetAppData	10	0.008	0.003	
EODataStore>EODataStore.getEditorField	10	0.007	0.002	
TextInteractionContainer>TextInteractionContainer.findConflicts	2	0.007	0.000	
grid	1	0.007	0.005	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	2	0.007	0.006	
FigureUtils>FigureUtils.safeGetAppData	30	0.007	0.007	
...teractionContainer>TextInteractionContainer.findDuplicateInteractions	2	0.007	0.006	
Legend.Legend>Legend.set.LocationImpl	2	0.007	0.002	
EditorViewBreakpointStore>@(varargin)obj.handleSetData(varargin{:})	5	0.007	0.001	
EODataStore>EODataStore.getCoreMap	240	0.007	0.007	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	2	0.007	0.006	
Text.Text>Text.doUpdate	11	0.007	0.007	
ismember>ismemberClassTypes	5	0.007	0.007	
...ayoutManager.AxesLayoutManager>AxesLayoutManager.findMethod	4	0.006	0.006	
Legend.Legend>Legend.set.TitleSeparator_l	2	0.006	0.002	
logantilog	1	0.006	0.005	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	1	0.006	0.004	
unique	2	0.006	0.003	
...ableLegend>AbstractExpandableLegend.AbstractExpandableLegend	2	0.006	0.001	
Text.Text>Text.set.String	11	0.006	0.005	
ylabel	1	0.006	0.001	
findToolBarModeButtonsById	2	0.006	0.006	
DocumentUtils.DocumentUtils>useJavaScriptBackEnd	5	0.006	0.001	
graphics\private\clo	1	0.005	0.005	
EditorViewBreakpointStore>EditorViewBreakpointStore.handleSetData	5	0.005	0.001	
editInteraction	2	0.005	0.005	
EODataStore>EODataStore.setEditorField	30	0.005	0.003	
LegendEntry.LegendEntry>LegendEntry.set.Icon	22	0.005	0.005	
objArrayDispatch	3	0.005	0.004	
VariableManager>VariableManager.clearAll	10	0.005	0.001	
makehgtform>matrixMultiply	22	0.005	0.005	
Legend.Legend>Legend.set.BoxFace_l	2	0.005	0.002	
expandLegendChildren	2	0.005	0.004	
useJavaScriptBackEnd	5	0.005	0.002	
...>OuterPositionChangedEventMixin.OuterPositionChangedEventMixin	1	0.005	0.004	
cell.ismember	14	0.005	0.005	
...youtManager.AxesLayoutManager>@(h,e)localReparentCB(h,e,hObj)	1	0.005	0.004	
Legend.Legend>Legend.setLayoutPosition	1	0.005	0.000	
Legend.Legend>Legend.get.Interpreter	55	0.005	0.004	
LegendEntry.LegendEntry>LegendEntry.set.Label	11	0.004	0.004	
updateFontProperties	1	0.004	0.004	
fileparts>legacyPCEExecution	18	0.004	0.004	
Legend.Legend>Legend.get.Axes	15	0.004	0.001	
findall>showHiddenHandlesToFindAllHandles	14	0.004	0.004	
Text.Text>Text.set.TextComp	11	0.004	0.004	
...lesPackager>InteractiveVariablesPackager.clearVariableEditorOutputs	10	0.004	0.002	

FigureUtils>FigureUtils.safeSetAppData	10	0.004	0.004	
Legend.Legend>Legend.setTitleSeparator_IFanoutProps	2	0.004	0.003	
...tractChartIllustration>AbstractChartIllustration.AbstractChartIllustration	2	0.004	0.004	
...wBreakpointStore>EditorViewBreakpointStore.removeBreakpointData	5	0.004	0.003	
Legend.Legend>Legend.set.Position_I	1	0.004	0.000	
EditInteraction>EditInteraction.EditInteraction	4	0.004	0.004	
newplot>ObserveFigureNextPlot	11	0.004	0.004	
VariableManager>VariableManager.removeAllVariablesForEditor	10	0.004	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	30	0.004	0.004	
LegendEntry.LegendEntry>LegendEntry.addIcon	11	0.004	0.002	
Legend.addEntry	11	0.004	0.004	
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	2	0.004	0.002	
Legend.Legend>Legend.get.Orientation	26	0.004	0.002	
...esLayoutManager.AxesLayoutManager>AxesLayoutManager.set.Axes	1	0.004	0.001	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	1	0.004	0.000	
LegendIcon.LegendIcon>LegendIcon.addGraphic	11	0.004	0.004	
axescheck	2	0.004	0.002	
Legend.Legend>Legend.get.Position_I	4	0.004	0.001	
InteractionContainer>InteractionContainer.get.InteractionsArray	15	0.004	0.004	
FigureManager>FigureManager.safeGetAppData	10	0.004	0.002	
UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	1	0.004	0.002	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	1	0.003	0.003	
Legend.Legend>Legend.get.Axes_I	16	0.003	0.002	
Legend.doMethod>@(src.ed)defaultContextMenuCB(uic.ed.h)	3	0.003	0.003	
...tainer>CartesianAxesInteractionContainer.getDefaultInteractionsArray	1	0.003	0.002	
...anager.AxesLayoutManager>AxesLayoutManager.addAxesListeners	1	0.003	0.003	
LegendEntry.LegendEntry>LegendEntry.set.Legend	11	0.003	0.003	
unique>uniqueR2012a	2	0.003	0.003	
Legend.getEntries	2	0.003	0.001	
Legend.Legend>Legend.setPositionImpl	1	0.003	0.001	
+editor\private\assertEditorAvailable	5	0.003	0.002	
LegendEntry.LegendEntry>LegendEntry.set.Overlay	11	0.003	0.003	
Legend.Legend>Legend.set.AxesListenerList	4	0.003	0.002	
Legend.doSetup>@(h.e)hObj.doDelete	1	0.003	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.doGetChildren	16	0.003	0.003	
RtcEditorDocument.RtcEditorDocument>getRtcEditorDocumentObj	5	0.003	0.001	
Capability>Capability.isSupported	5	0.003	0.002	
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	1	0.003	0.002	
hgbehaviorfactory>localGetBehaviorInfo	4	0.003	0.003	
hasbehavior	22	0.003	0.003	
Legend.Legend>Legend.getPositionImpl	4	0.003	0.003	
Legend.Legend>Legend.set.SelectionHandle_I	2	0.003	0.002	
Legend.Legend>Legend.set.BoxFace_IFanoutProps	2	0.003	0.002	
Legend.Legend>Legend.get.Location	6	0.003	0.001	
Legend.Legend>Legend.get.Orientation_I	28	0.003	0.002	
Legend.Legend>Legend.set.ColorSpace_I	2	0.003	0.003	
FigureManager>@()restoreHidden(h.origval)	20	0.003	0.003	
Legend.Legend>Legend.get.Units	4	0.003	0.001	
Text.Text>Text.set.FontSize	11	0.003	0.003	
Text.Text>Text.set.Color	11	0.003	0.003	

...ositionChangedEventMixin>@(.~)obj.markedCleanForUpdateEvent()	1	0.003	0.000	
convertUnits	8	0.003	0.003	
ToolstripSubscriber>ToolstripSubscriber.unsubscribe	10	0.003	0.003	
ensureServiceOn	5	0.003	0.003	
Text.Text>Text.set.FontWeight	11	0.002	0.002	
Text.Text>Text.set.FontName	11	0.002	0.002	
usejava	6	0.002	0.002	
...youtManager.AxesLayoutManager>AxesLayoutManager.addToLayout	2	0.002	0.002	
com.mathworks.mde.editor.EditorUtils.getCanonicalFile (Java method)	5	0.002	0.002	
Text.Text>Text.set.FontAngle	11	0.002	0.002	
RtcEditorDocument.RtcEditorDocument>isAbsolutePath	5	0.002	0.001	
RtcEditorDocument.RtcEditorDocument>createEmptyReturnValue	5	0.002	0.002	
ToolbarFactory>ToolbarFactory.getInstance	1	0.002	0.002	
EODataStore>EODataStore.getRootField	20	0.002	0.001	
Text.Text>Text.set.Interpreter	11	0.002	0.002	
AbstractChartIllustration.setParentImpl	1	0.002	0.001	
axescheck>@(x)(isStringScalar(x)) ischar(x))&&strcmpi('parent',x)	2	0.002	0.002	
Legend.Legend>Legend.set.SelfListenerList	2	0.002	0.001	
FigurePoolManager>FigurePoolManager.editorClosed	10	0.002	0.001	
...ixin>OuterPositionChangedEventMixin.markedCleanForUpdateEvent	1	0.002	0.001	
ExecutionStateTracker>ExecutionStateTracker.notifyEditorClose	10	0.002	0.001	
findall>@().set(rootobj,'ShowHiddenHandles',Temp).	14	0.002	0.002	
Legend.Legend>Legend.get.BackgroundColor	2	0.002	0.001	
Legend.Legend>Legend.set.DataSpace_I	2	0.002	0.002	
settings	10	0.002	0.001	
EditorUtils.EditorUtils>EditorUtils.getLiveEditorApplication	5	0.002	0.002	
VEFactory>VEFactory.getManagerInstances	10	0.002	0.002	
EODataStore>EODataStore.clearEditorField	10	0.002	0.001	
...sitionChangedEventMixin>OuterPositionChangedEventMixin.setState	1	0.002	0.002	
Legend.Legend>Legend.get.Units_I	4	0.002	0.001	
graphics\private\claNotify.	1	0.002	0.002	
Text.Text>Text.set.Position	11	0.002	0.002	
ylim	1	0.002	0.000	
Legend.Legend>Legend.get.Location_I	8	0.002	0.001	
LegendEntry.LegendEntry>LegendEntry.set.PeerVisible	11	0.002	0.002	
EditorUtils.EditorUtils>EditorUtils.fileNameToStorageLocation	10	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.LayoutInfo	11	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.Color	11	0.002	0.002	
ToolstripSubscriber>ToolstripSubscriber.getInstance	10	0.002	0.002	
Legend.Legend>Legend.setViewportPosition	1	0.002	0.001	
Legend.Legend>Legend.get.AxesListenerList	8	0.002	0.001	
Legend.Legend>Legend.set.EntryContainer_I	2	0.002	0.002	
DocumentAction>DocumentAction.cleanupClosedDocuments	5	0.002	0.002	
allchild>getchildren	3	0.002	0.001	
Legend.Legend>Legend.set.DecorationContainer_I	2	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.FontAngle	11	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.FontName	11	0.002	0.002	
Legend.Legend>Legend.set.CLim_I	2	0.002	0.001	
LegendEntry.LegendEntry>LegendEntry.set.FontSize	11	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.FontWeight	11	0.002	0.002	

getSetWeakSubscriptions	5	0.002	0.002	
Legend.addToLayout	1	0.002	0.001	
...StackManager.ScribeStackManager>ScribeStackManager.hasLayers	3	0.002	0.001	
LegendEntry.LegendEntry>LegendEntry.set.Interpreter	11	0.002	0.002	
Legend.initializePositionCache	1	0.001	0.001	
convertDistances	1	0.001	0.001	
JavaEditorDocument.JavaEditorDocument>isAbsolutePath	5	0.001	0.001	
UnifiedAxesInteractions.queuedAxesOperations	2	0.001	0.001	
Legend.Legend>Legend.set.LimitMaxLegendEntries	1	0.001	0.001	
Capability>Capability.Current	5	0.001	0.001	
hggetbehavior>localPeek	4	0.001	0.001	
linspace	1	0.001	0.001	
EditorUtils.EditorUtils>EditorUtils.getJavaEditorApplication	5	0.001	0.001	
Legend.Legend>Legend.get.PlotChildrenExcluded	1	0.001	0.000	
RtcEditorDocument.RtcEditorDocument>fileNameToJavaFile	10	0.001	0.001	
EODataStore>EODataStore.removeEditorMap	10	0.001	0.001	
Text.Text>@(h,e)hObj.MarkDirty('all')	11	0.001	0.001	
ctorHelper	6	0.001	0.001	
Legend.Legend>Legend.get.SelfListenerList	4	0.001	0.001	
mustBeValidGraphicsObject	15	0.001	0.001	
Legend.removeAllEntries	1	0.001	0.001	
...sInteractionSet>DefaultAxesInteractionSet,DefaultAxesInteractionSet	1	0.001	0.001	
expandLegendChildren>@(x)isa(x,'matlab.graphics.primitive.Group')	22	0.001	0.001	
Legend.Legend>Legend.get.UnitsImpl	4	0.001	0.001	
splitPositionalFromPV	2	0.001	0.001	
Legend.Legend>Legend.get.PlotChildrenExcluded	1	0.001	0.000	
settings	10	0.001	0.001	
Document.Document>createEmptyReturnValue	5	0.001	0.001	
ScribeLayer.ScribeLayer>@(src,event)hObj.childRemoved(src,event)	1	0.001	0.000	
FigureUtils>FigureUtils.isEditorSnapshotFigure	4	0.001	0.001	
Legend.Legend>Legend.get.ColorSpace	10	0.001	0.001	
JavaEditorDocument.JavaEditorDocument>createEmptyReturnValue	5	0.001	0.001	
...er.ScribeLayer>@(src,event)hObj.childRemovedOrDeleted(src,event)	1	0.001	0.000	
Legend.doGetChildren	8	0.001	0.001	
Legend.Legend>Legend.get.Interpreter_I	66	0.001	0.001	
...rViewBreakpointStore>EditorViewBreakpointStore.hasBreakpointData	5	0.001	0.001	
Legend.Legend>Legend.get.AxesImpl	16	0.001	0.001	
Legend.Legend>Legend.get.Box_I	12	0.001	0.001	
Legend.Legend>Legend.set.PlotChildrenSpecified	1	0.001	0.001	
...outManager.AxesLayoutManager>AxesLayoutManager.set.LayoutList	3	0.001	0.001	
Legend.Legend>Legend.get.DataSpace	8	0.001	0.001	
Legend.Legend>Legend.set.AxesListenerListMode	4	0.001	0.001	
rulerFunctions>parseFunctionName	2	0.001	0.001	
...outManager.AxesLayoutManager>AxesLayoutManager.setParentImpl	2	0.001	0.001	
isEditorAvailable	5	0.001	0.001	
Legend.Legend>Legend.set.SelfListenerListMode	2	0.001	0.001	
Legend.Legend>Legend.get.TitleSeparator	32	0.001	0.001	
Legend.Legend>Legend.get.DecorationContainer	12	0.001	0.001	
Legend.Legend>Legend.get.AxesListenerList_I	12	0.001	0.001	
Legend.Legend>Legend.get.Color	2	0.001	0.001	

FigurePoolManager>FigurePoolManager.getInstance	10	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.childRemoved	1	0.001	0.001	
Legend.Legend>Legend.getPlotChildrenExcludedImpl	1	0.001	0.001	
ChildEventData>ChildEventData.ChildEventData	3	0.001	0.001	
Legend.Legend>Legend.get.FontSize_l	25	0.001	0.001	
AxesLayoutManager.AxesLayoutManager>AxesLayoutManager.is2Dim	1	0.001	0.001	
Legend.Legend>Legend.get.SelfListenerList_l	6	0.001	0.001	
isUIFigure	2	0.001	0.001	
Legend.doPostSetup	1	0.001	0.001	
Legend.Legend>Legend.get.Camera	19	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.childRemovedOrDeleted	1	0.001	0.001	
Legend.Legend>Legend.get.version	10	0.001	0.001	
getSetStrongSubscriptions	5	0.001	0.001	
Legend.Legend>Legend.get.EntryContainer	19	0.001	0.001	
MenuToolBarInfo>MenuToolBarInfo.MenuToolBarInfo	1	0.001	0.001	
...ics.illustration.Legend') isa(obj,'matlab.graphics.illustration.ColorBar')	7	0.001	0.001	
peelFirstArgParent	2	0.001	0.001	
getSettingsRoot	2	0.001	0.001	
ExecutionStateTracker>ExecutionStateTracker.getInstance	10	0.001	0.001	
Legend.Legend>Legend.set.EdgeColor_l	1	0.001	0.001	
Legend.Legend>Legend.get.EdgeColor_l	9	0.001	0.001	
isMatchingSize	2	0.001	0.001	
Legend.Legend>Legend.get.BoxFace	13	0.001	0.001	
...r.AxesLayoutManager>AxesLayoutManager.syncLayoutInfoFromAxes	1	0.001	0.001	
Legend.Legend>Legend.get.standalone	3	0.001	0.001	
Legend.getPreferredLocation	1	0.001	0.000	
Legend.Legend>Legend.getPlotChildrenSpecified	1	0.001	0.000	
Legend.Legend>Legend.get.OrientationImpl	28	0.001	0.001	
CanvasPlugin.CanvasPlugin>CanvasPlugin.CanvasPlugin	1	0.001	0.001	
getSetCmdExecutionTypeIdle	1	0.001	0.001	
Legend.Legend>Legend.get.SelectionHandle	8	0.001	0.001	
cell.unique	2	0.001	0.001	
Legend.Legend>Legend.get.ItemTokenSize	4	0.001	0.000	
PlotEditBehavior.PlotEditBehavior>PlotEditBehavior.dosupport	2	0.001	0.001	
Legend.Legend>Legend.get.GraphicsAxes	2	0.001	0.001	
legend>lcl.is2D	1	0.001	0.001	
JavaEditorDocument.JavaEditorDocument>fileNameToJavaFile	5	0.001	0.001	
Legend.Legend>Legend.set.Camera_l	2	0.001	0.001	
Legend.Legend>Legend.get.LineWidth_l	9	0.001	0.001	
DocumentAction>@(!)warning(w)	5	0.001	0.001	
Legend.Legend>Legend.set.LocationMode	2	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	2	0.001	0.001	
legend>istextscalar	7	0.001	0.001	
Legend.doDelete	1	0.001	0.000	
Legend.Legend>Legend.get.FontAngle_l	14	0.001	0.001	
Legend.Legend>Legend.get.FontName_l	14	0.001	0.001	
Legend.Legend>Legend.get.Color_l	5	0.001	0.001	
Legend.Legend>Legend.get.EdgeColor	4	0.001	0.000	
updateLegendMenuToolBar>isValidLegendHandleObject	1	0.001	0.001	
Legend.Legend>Legend.get.TextColor_l	12	0.001	0.001	

legend>get_legend_properties	1	0.001	0.001	
Legend.Legend>Legend.get.FontWeight_I	14	0.001	0.001	
Legend.Legend>Legend.set.LimitMaxLegendEntriesMode	1	0.001	0.000	
...eractions.UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	1	0.001	0.001	
allchild>@().set(rootobj,'ShowHiddenHandles',Temp)	3	0.001	0.001	
Legend.Legend>Legend.get.PlotChildrenSpecified	1	0.001	0.000	
Text.Text>Text.getParentImpl	22	0.000	0.000	
ItemLayoutInfo>ItemLayoutInfo.ItemLayoutInfo	11	0.000	0.000	
...odeStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	1	0.000	0.000	
Legend.Legend>Legend.get.LocationImpl	8	0.000	0.000	
...sLayoutManager>@().src evt hObj.handleOuterPositionChangedEvent	1	0.000	0.000	
Legend.Legend>Legend.set.AxesMode	1	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	4	0.000	0.000	
...tackManager.ScribeStackManager>ScribeStackManager.getInstance	1	0.000	0.000	
Legend.Legend>Legend.set.PositionMode	2	0.000	0.000	
...InteractionContainer>BaseAxesInteractionContainer.set.CurrentMode	1	0.000	0.000	
isPublishingTest	3	0.000	0.000	
Legend.Legend>Legend.set.PlotChildrenSpecifiedMode	1	0.000	0.000	
Legend.doMethod>@().h e delete uic	1	0.000	0.000	
PlotEditBehavior.PlotEditBehavior>PlotEditBehavior.PlotEditBehavior	2	0.000	0.000	
...utManager.AxesLayoutManager>AxesLayoutManager.hasValidParent	1	0.000	0.000	
Legend.Legend>Legend.get.NumRowsInternal	3	0.000	0.000	
...ModeStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	1	0.000	0.000	
EditInteraction>EditInteraction.EditInteraction	2	0.000	0.000	
com.mathworks.widgets.datamodel.FileStorageLocation (Java method)	10	0.000	0.000	
Legend.Legend>Legend.get.AutoUpdate	1	0.000	0.000	
...outManager.AxesLayoutManager>AxesLayoutManager.getParentImpl	16	0.000	0.000	
PrintBehavior>PrintBehavior.dosupport	2	0.000	0.000	
...ractionContainer>TextInteractionContainer.getDefaultInteractionsArray	24	0.000	0.000	
isplotyyaxes	2	0.000	0.000	
InteractionsList>InteractionsList.InteractionsList	4	0.000	0.000	
ListComponent.ListComponent>ListComponent.ListComponent	1	0.000	0.000	
Legend.Legend>Legend.set.AxesListenerList_I	4	0.000	0.000	
InteractionOptions>InteractionOptions.InteractionOptions	1	0.000	0.000	
TextInteractionContainer>TextInteractionContainer.validateInteractions	2	0.000	0.000	
PrintBehavior>PrintBehavior.PrintBehavior	2	0.000	0.000	
uitools\private\allchildRootHelper	3	0.000	0.000	
java.io.File (Java method)	15	0.000	0.000	
isCharOrString	3	0.000	0.000	
ControlManager>ControlManager.sendPVPairsToControl	1	0.000	0.000	
Legend.Legend>Legend.get.ItemTokenSize_I	4	0.000	0.000	
Legend.Legend>Legend.get.Box	2	0.000	0.000	
isFigureShowEnabled	2	0.000	0.000	
...outManager>AxesLayoutManager.handleOuterPositionChangedEvent	1	0.000	0.000	
...dEventMixin>OuterPositionChangedEventMixin.resetAfterFiringEvent	1	0.000	0.000	
Legend.Legend>Legend.get.LimitMaxLegendEntries_I	2	0.000	0.000	
Legend.Legend>Legend.get.PlotChildrenSpecifiedImpl	1	0.000	0.000	
Legend.updateTitleProperties	1	0.000	0.000	
updateLegendMenuToolBar>isValidColorBarHandleObject	1	0.000	0.000	
com.mathworks.mde.editor.MatlabEditorApplication (Java method)	5	0.000	0.000	

Legend.Legend>Legend.get.NumColumnsInternal	3	0.000	0.000	
Legend.Legend>Legend.get.LocationMode	4	0.000	0.000	
...a>OuterPositionChangedEventData,OuterPositionChangedEventData	2	0.000	0.000	
...ab.graphics.illustration.ColorBar') isa(ax,'matlab.graphics.chart.Chart')	2	0.000	0.000	
Legend.Legend>Legend.get.AxesListenerListMode	4	0.000	0.000	
isStringScalar	2	0.000	0.000	
Legend.Legend>Legend.get.LimitMaxLegendEntries	1	0.000	0.000	
Legend.Legend>Legend.get.NumColumnsMode	2	0.000	0.000	
...orks.mlservices.MLEditorServices.getEditorApplication (Java method)	5	0.000	0.000	
Legend.Legend>Legend.get.standalone_l	3	0.000	0.000	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	2	0.000	0.000	
Legend.Legend>Legend.get.NumColumns_l	2	0.000	0.000	
hasDisplay	2	0.000	0.000	
Legend.Legend>Legend.set.NumRowsInternal	2	0.000	0.000	
Legend.Legend>Legend.get.PrintSettingsCache	2	0.000	0.000	
BaseAxesInteractionContainer>BaseAxesInteractionContainer.set.is2d	1	0.000	0.000	
...works.mde.liveeditor.LiveEditorApplication.getInstance (Java method)	5	0.000	0.000	
Legend.Legend>Legend.get.PositionMode	3	0.000	0.000	
Legend.Legend>Legend.set.NumColumnsInternal	2	0.000	0.000	
Legend.Legend>Legend.set.SelfListenerList_l	2	0.000	0.000	
Legend.Legend>Legend.set.version	1	0.000	0.000	
InteractionContainer>InteractionContainer.get.Enabled	1	0.000	0.000	
Legend.Legend>Legend.get.FontSizeMode	1	0.000	0.000	
InteractionContainer>InteractionContainer.clearList	2	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	1	0.000	0.000	
legend>setDisplayNames	1	0.000	0.000	
Legend.Legend>Legend.get.SelfListenerListMode	2	0.000	0.000	
Legend.Legend>Legend.get.InitPositionCache	1	0.000	0.000	
HGBehavior>HGBehavior.HGBehavior	4	0.000	0.000	
Legend.Legend>Legend.get.PositionCache	1	0.000	0.000	
Legend.Legend>Legend.set.SPosition	1	0.000	0.000	
Legend.Legend>Legend.get.CanvasCache	1	0.000	0.000	
Legend.Legend>Legend.get.FontNameMode	1	0.000	0.000	
Legend.Legend>Legend.get.LineWidthMode	1	0.000	0.000	
...tionChangedEventMixin>OuterPositionChangedEventMixin.shouldFire	1	0.000	0.000	
Legend.Legend>Legend.get.PlotChildrenSpecifiedMode	1	0.000	0.000	
Legend.Legend>Legend.get.LimitMaxLegendEntriesMode	1	0.000	0.000	
legend>istextscalarvector	1	0.000	0.000	
Legend.Legend>Legend.set.CanvasCache	1	0.000	0.000	
Legend.Legend>Legend.get.AxesMode	1	0.000	0.000	
Legend.Legend>Legend.get.FontWeightMode	1	0.000	0.000	
Legend.Legend>Legend.get.FontAngleMode	1	0.000	0.000	
Legend.Legend>Legend.set.PositionCache	1	0.000	0.000	
Legend.Legend>Legend.set.InitPositionCache	1	0.000	0.000	
Legend.Legend>Legend.get.AutoUpdateImpl	1	0.000	0.000	
BaseInteraction>BaseInteraction.BaseInteraction	2	0.000	0.000	
PointerModeStrategy>PointerModeStrategy.PointerModeStrategy	1	0.000	0.000	
BaseInteractionSet>BaseInteractionSet.BaseInteractionSet	1	0.000	0.000	
Legend.isStretchToFill	1	0.000	0.000	
PointerMixin>PointerMixin.PointerMixin	1	0.000	0.000	

...ager.ScribeStackManager>ScribeStackManager.ScribeStackManager	1	0.000	0.000	
Legend.Legend>Legend.setColorSpace_IFanoutProps	2	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy,AbstractModeStrategy	1	0.000	0.000	
Legend.Legend>Legend.setDataSpace_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setCamera_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setSelectionHandle_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setEntryContainer_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setDecorationContainer_IFanoutProps	2	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.