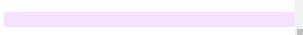
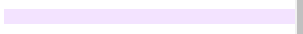
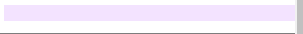
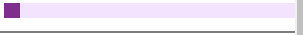
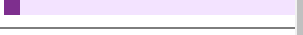

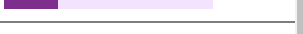












Profile Summary (Total time: 64784.933 s)

Generated 17-Oct-2025 12:18:59 using performance time.

PG29	1	64784.518	0.160	
GenmnSet	1	64780.019	0.009	
GenmnSet>ElementwiseGen	4139431	64780.008	143.695	
PossiblemnSet	3957472	63589.612	3393.455	
PossiblemnSet>InterNumKL	525576356	60196.157	3330.052	
ismember	534228455	48844.127	4555.143	
ismember>ismemberR2012a	534228455	42897.342	11158.809	
unique	1068444174	23056.580	17944.092	
cell2mat	534224089	8953.180	8953.180	
unique>uniqueR2012a	1068444174	5112.488	5112.488	
sortrows	534222085	3234.449	2771.970	
ismember>needsCastingChecks	534228455	3226.072	3226.072	
ismember>ismemberBuiltinTypes	534222085	2221.434	2221.434	
partialMatchString	534228457	1391.643	1391.643	
CheckmnSet	95020	1046.646	64.405	
CheckmnSet>InterNumKL	8646820	982.241	51.749	
sortrows>canCallBuiltinHelper	534222085	462.479	462.479	
GenLines	1	2.792	0.090	
LinearSpan	4368	2.199	1.200	
HypertoBiGraph	1	1.444	0.122	
graph.plot	1	1.147	0.115	
LinearSpan>PosMultiplicationGF9	823368	0.867	0.867	
newplot	1	0.623	0.271	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	1	0.204	0.023	
GraphPlot.GraphPlot>GraphPlot.GraphPlot	1	0.177	0.023	
graph.plot>checkinputnames	1	0.147	0.126	
getFileInfoForToolstrip	25	0.145	0.137	
LinearSpan>PosAdditionGF9	102648	0.132	0.132	
GraphPlot.layout	1	0.123	0.027	
ToolbarFactory>ToolbarFactory.getToolbar	1	0.115	0.056	
AxesControl>AxesControl.updateInteractionOptions	1	0.101	0.001	
GenPoints	1	0.101	0.019	
...>CartesianAxesInteractionOptions.updateInteractionOptions	1	0.099	0.000	
...>CartesianAxesInteractionOptions.updateAutoCalcProperties	1	0.099	0.001	
layout	1	0.089	0.001	
...Options>CartesianAxesInteractionOptions.updateOuterLimits	1	0.088	0.049	
layout>layoutsubspace	1	0.088	0.035	
...nnel>@(source,data)obj.onCustomEvent(data.Type,data.Data)	5	0.061	0.002	
CanvasSetup>CanvasSetup.createScribeLayers	1	0.061	0.010	
UnifiedAxesInteractions.createDefaultInteractions	1	0.061	0.011	
...topToolbarController>DesktopToolbarController.getInstance	1	0.059	0.000	
Channel>Channel.onCustomEvent	5	0.059	0.007	
...troller>DesktopToolbarController.DesktopToolbarController	1	0.059	0.026	
mat2cell	684	0.055	0.055	
graph.graph>graph.graph	1	0.052	0.036	
...ackManager.ScribeStackManager>ScribeStackManager.getLayer	3	0.052	0.002	
cla	1	0.052	0.026	
hggetbehavior	2	0.051	0.001	
hggetbehavior>localGet	2	0.050	0.018	
...ndow>@(source,data)obj.onCustomEvent(data.Type,data.Data)	5	0.050	0.003	

...createDefaultInteractionsInSync(ax,is2dim,numDataSpaces)	1	0.049	0.011	
...xesInteractionContainer.CartesianAxesInteractionContainer	1	0.049	0.021	
...Manager.ScribeStackManager>ScribeStackManager.createLayer	2	0.048	0.033	
webwindow>webwindow.onCustomEvent	5	0.047	0.039	
UnifiedAxesInteractions.createDefaultInteractionsInSync	1	0.038	0.025	
...ctionOptions>CartesianAxesInteractionOptions.setAutoBound	3	0.036	0.003	
...Options>CartesianAxesInteractionOptions.verifyValidLimits	6	0.031	0.031	
hgbehaviorfactory	2	0.031	0.000	
hgbehaviorfactory>localCreate	2	0.030	0.029	
...ptions>CartesianAxesInteractionOptions.set.OuterXLimits_I	1	0.030	0.001	
MLGraph.subspaceLayout	1	0.029	0.002	
...AxesInteractionContainer.StandardAxesInteractionContainer	1	0.028	0.000	
...BaseAxesInteractionContainer.BaseAxesInteractionContainer	1	0.027	0.000	
...actionContainer>InteractionContainer.InteractionContainer	1	0.027	0.001	
...nContainer>InteractionContainer.set.InteractionsArrayMode	1	0.026	0.001	
...esianAxesInteractionContainer.getDefaultInteractionsArray	1	0.025	0.025	
gobjects	3	0.025	0.008	
...ler.ToolbarController>ToolbarController.ToolbarController	1	0.024	0.024	
graphics\private\clo	1	0.024	0.005	
updateEdgeCoords	1	0.024	0.003	
attributes	1	0.023	0.002	
cell.setdiff	1	0.021	0.001	
attributes>checkInputs	1	0.021	0.019	
GraphPlot.doUpdate	1	0.020	0.018	
MLGraph.subspaceLayout>layoutOneConnComp	1	0.020	0.020	
cell.setdiff>cellsetdiffR2012a	1	0.020	0.018	
...ionContainer>BaseAxesInteractionContainer.set.CurrentMode	1	0.019	0.000	
updateEdgeCoords>computeOpeningAngle	1	0.018	0.017	
...ctionContainer>InteractionContainer.updateCanvasAndFigure	1	0.018	0.017	
GraphPlot.GraphPlot>GraphPlot.getXYZDataExtents	1	0.018	0.012	
repmat	3	0.017	0.013	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	2	0.015	0.007	
constructFromEdgeList	1	0.015	0.014	
...eLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	1	0.013	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	1	0.013	0.012	
GraphPlot.GraphPlot>GraphPlot.updateEdgeLineHandles	1	0.012	0.007	
...fiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	1	0.011	0.010	
PointerMixin>PointerMixin.setPointerStrategy	1	0.009	0.009	
...ions>CartesianAxesInteractionOptions.updateRestoredLimits	1	0.008	0.002	
fileparts	25	0.008	0.003	
GraphPlot.GraphPlot>GraphPlot.updateMarkerHandles	2	0.008	0.005	
GraphPlot.GraphPlot>GraphPlot.set.Layout_	1	0.007	0.000	
MLGraph.subspaceLayout>laplacianIgnoreSelfLoops	1	0.007	0.006	
observeFigureNextPlot	1	0.007	0.007	
axescheck	1	0.007	0.003	
GraphPlot.GraphPlot>GraphPlot.updateNodeLabelHandles	1	0.007	0.005	
Callback>Callback.execute	2	0.006	0.001	
...CartesianAxesInteractionOptions.updateAutoResetProperties	3	0.006	0.002	
arraytolimits	3	0.005	0.001	
...ice>@(varargin)obj.handleWindowResizingEvent(varargin{:})	2	0.005	0.001	

fileparts>legacyPCEExecution	25	0.005	0.005	
arraytolimits>localGetLimits	3	0.005	0.005	
GraphPlot.GraphPlot>GraphPlot.extractInputNameValue	5	0.005	0.004	
GraphPlot.GraphPlot>GraphPlot.set.MarkerSize	1	0.004	0.001	
...notationPane.AnnotationPane>AnnotationPane.AnnotationPane	1	0.004	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	5	0.004	0.004	
...UpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	1	0.004	0.000	
BrowserService>BrowserService.handleWindowResizingEvent	2	0.004	0.002	
...k>@(x)(isStringScalar(x) .ischar(x))&&strcmpi('parent',x)	1	0.004	0.004	
...@(source,data)obj.onPropertyChanged(data.Name,data.Value)	3	0.004	0.001	
repmat	3	0.004	0.003	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	1	0.004	0.003	
mustBeVector	35	0.004	0.004	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	1	0.004	0.003	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	1	0.003	0.003	
updateEdgeCoords>computeSelfLoopRadius	1	0.003	0.003	
CustomEventInfo>CustomEventInfo.CustomEventInfo	5	0.003	0.003	
Channel>Channel.onPropertyChanged	3	0.002	0.001	
webwindow>webwindow.isMaximized	2	0.002	0.001	
cell.unique	2	0.002	0.002	
generateArgumentDescriptor	1	0.002	0.002	
GraphPlot.GraphPlot>GraphPlot.set.MarkerHandles_	3	0.002	0.002	
GraphPlot.GraphPlot>GraphPlot.set.EdgeLineHandles_	2	0.002	0.002	
isMatchingSize	7	0.002	0.002	
...ons>CartesianAxesInteractionOptions.set.RestoredYLimits_I	1	0.002	0.000	
webwindow>@(varargin)obj.restoreCallbackState(varargin{:})	5	0.002	0.001	
webwindow>webwindow.isMaximized	2	0.002	0.001	
hgbehaviorfactory>localGetBehaviorInfo	2	0.001	0.001	
isInvalidInLogScale	6	0.001	0.001	
...ow>@(varargin)obj.onWindowStatePropertyEvent(varargin{:})	1	0.001	0.001	
graphics\private\claNotify	1	0.001	0.001	
...ionOptions>CartesianAxesInteractionOptions.updateBounding	1	0.001	0.001	
...anAxesInteractionOptions.updateInteractionOptionsAfterSet	1	0.001	0.001	
spdiags	1	0.001	0.001	
GraphPlot.GraphPlot>GraphPlot.refreshHandles	8	0.001	0.001	
nextstyle	1	0.001	0.001	
...ptions>CartesianAxesInteractionOptions.set.OuterZLimits_I	1	0.001	0.001	
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	1	0.001	0.001	
...ckManager.ScribeStackManager>ScribeStackManager.findLayer	5	0.001	0.001	
clearvars	1	0.001	0.001	
UnifiedAxesInteractions.queuedAxesOperations	2	0.001	0.001	
sub2ind	1	0.001	0.001	
GraphPlot.GraphPlot>GraphPlot.set.NodeLabelHandles_	1	0.001	0.001	
...fiedAxesInteractions.createInteractionsForTitlesAndLabels	1	0.001	0.000	
ToolbarFactory>ToolbarFactory.getInstance	1	0.001	0.001	
repmat>checkSizesType	3	0.001	0.001	
...UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	2	0.001	0.001	
getWiderLimits	1	0.001	0.001	
isUIFigure	1	0.001	0.001	
...ptions>CartesianAxesInteractionOptions.set.OuterYLimits_I	1	0.001	0.001	

webwindow>webwindow.restoreCallbackState	5	0.001	0.001	
webwindow>webwindow.onWindowStatePropertyEvent	1	0.001	0.001	
GraphPlot.GraphPlot>GraphPlot.set.EdgeArrowHandles_	1	0.001	0.001	
...ons>CartesianAxesInteractionOptions.set.RestoredXLimits_I	1	0.001	0.000	
hggetbehavior>localPeek	2	0.001	0.001	
cellstr	3	0.001	0.001	
...>CartesianAxesInteractionContainer.cleanUpIfFigureChanged	1	0.001	0.000	
getSetCmdExecutionTypeIdle	1	0.001	0.001	
...ifiedAxesInteractions.createCartesianAxesTextInteractions	1	0.001	0.001	
getBounds	1	0.001	0.001	
usejava	2	0.001	0.001	
...ianAxesInteractionOptions.CartesianAxesInteractionOptions	2	0.001	0.000	
GraphPlot.GraphPlot>GraphPlot.getColorAlphaDataExtents	1	0.001	0.000	
isInvalidInLogScale>basicImpl	6	0.001	0.001	
...Manager.ScribeStackManager>ScribeStackManager.getInstance	1	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	1	0.001	0.000	
GraphPlot.GraphPlot>GraphPlot.set.NodeColor_I	2	0.000	0.000	
getDoubleAxesLimits	1	0.000	0.000	
graph.graph>graph.validateEdgeProperties	2	0.000	0.000	
cell.ismember	1	0.000	0.000	
ChildEventData>ChildEventData.ChildEventData	1	0.000	0.000	
num2ruler	3	0.000	0.000	
...ons>CartesianAxesInteractionOptions.set.RestoredZLimits_I	1	0.000	0.000	
...onPane.AnnotationPane>AnnotationPane.getContainerForChild	1	0.000	0.000	
simplifyEdgeIndex	1	0.000	0.000	
...tionContainer>CartesianAxesInteractionContainer.clearList	1	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.get.MarkerSize	2	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.set.EdgeColor_I	2	0.000	0.000	
webwindow>webwindow.errorOnInvalidWindow	2	0.000	0.000	
clearvars>parseArgs	1	0.000	0.000	
iscategorical	6	0.000	0.000	
graph.graph>graph.set.EdgeProperties	1	0.000	0.000	
attributes>checkClass	1	0.000	0.000	
isPublishingTest	3	0.000	0.000	
...anager.ControlManager>ControlManager.sendPVPairsToControl	1	0.000	0.000	
...ons>BaseAxesInteractionOptions.BaseAxesInteractionOptions	2	0.000	0.000	
FigureUtils>FigureUtils.isEditorSnapshotFigure	1	0.000	0.000	
CanvasPlugin.CanvasPlugin>CanvasPlugin.CanvasPlugin	1	0.000	0.000	
isFigureShowEnabled	2	0.000	0.000	
mustBeValidGraphicsObject	2	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.set.BasicGraph_	1	0.000	0.000	
mustBeReal	7	0.000	0.000	
...ptions>CartesianAxesInteractionOptions.set.RestoredView_I	1	0.000	0.000	
mustBeNonNan	7	0.000	0.000	
isCharOrString	2	0.000	0.000	
...ckManager.ScribeStackManager>ScribeStackManager.hasLayers	2	0.000	0.000	
isStringScalar	2	0.000	0.000	
graph.graph>graph.getEdgeWeights	1	0.000	0.000	
...ainer>BaseAxesInteractionContainer.cleanUpIfFigureChanged	1	0.000	0.000	
BrushBehavior>BrushBehavior.dosupport	1	0.000	0.000	

cla>verifyNotAxesAndNonAxesMixedInput	1	0.000	0.000	
isValidNameType	1	0.000	0.000	
FigureUtils>FigureUtils.isEditorEmbeddedFigure	1	0.000	0.000	
graph.graph>graph.getNodeNames	1	0.000	0.000	
...nteractionContainer>BaseAxesInteractionContainer.set.is2d	1	0.000	0.000	
attributes>checkAttrs	1	0.000	0.000	
DataDescriptorBehavior>DataDescriptorBehavior.dosupport	1	0.000	0.000	
layout>layoutauto	1	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	1	0.000	0.000	
graph.graph>graph.minimizeNodeProperties	1	0.000	0.000	
mustBeScalarOrEmpty	1	0.000	0.000	
InteractionContainer>InteractionContainer.clearList	1	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	1	0.000	0.000	
generateArgumentDescriptor>isCharOrString	3	0.000	0.000	
hasDisplay	2	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.get.Marker	2	0.000	0.000	
...s>CartesianAxesInteractionOptions.warnIfUnsupportedFigure	1	0.000	0.000	
mustBeMatrix	2	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.get.LineWidth	1	0.000	0.000	
...seAxesInteractionOptions.updateInteractionOptionsAfterSet	1	0.000	0.000	
...tions>CartesianAxesInteractionOptions.sendOptionsToClient	1	0.000	0.000	
...eStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	1	0.000	0.000	
InteractionContainer>InteractionContainer.get.Enabled	1	0.000	0.000	
...ns>UnifiedAxesInteractions.setDefaultBehaviorForTextArray	1	0.000	0.000	
istable	1	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.get.NodeColor	1	0.000	0.000	
graph.graph>graph.minimizeEdgeProperties	1	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.get.LineStyle	1	0.000	0.000	
GraphPlot.GraphPlot>GraphPlot.get.EdgeColor	1	0.000	0.000	
...KeyboardInteractionManager.AxesKeyboardInteractionManager	1	0.000	0.000	
BrushBehavior>BrushBehavior.BrushBehavior	1	0.000	0.000	
...onSet>DefaultAxesInteractionSet.DefaultAxesInteractionSet	1	0.000	0.000	
...torBehavior>DataDescriptorBehavior.DataDescriptorBehavior	1	0.000	0.000	
...ategy>FigurePointerModeStrategy.FigurePointerModeStrategy	1	0.000	0.000	
...x.matlab.webwindow.FocusManager.getInstance (Java method)	1	0.000	0.000	
GraphPlot.getHints	1	0.000	0.000	
...ScribeStackManager>ScribeStackManager.ScribeStackManager	1	0.000	0.000	
...works.toolbox.matlab.webwindow.FocusManager (Java method)	1	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.