Profile Summary (Total time: 3410.982 s)

Generated 15-Apr-2020 18:26:11 using performance time.

Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
sim	1	3409.482	2447.350	
quadprog	880000	759.728	152.133	
asqpdense	880000	412.375	100.984	
optim/private/activesetqp (MEX-file)	880000	188.901	188.901	
rank	8800000	164.269	164.269	
optimget	14960000	157.692	61.329	
prepareOptionsForSolver	880000	119.782	119.782	
optimget>optimgetfast	14960000	96.363	96.363	
mean	1320044	36.106	31.770	
isoptimargdbl	880000	17.477	17.477	
checkbounds	880000	14.448	14.448	
asqpdense>checkFiniteProblem	880000	6.194	6.194	
mean>mysize	1320044	4.336	4.336	
functionNameClashCheck	880000	2.118	2.118	
…arController.ToolbarController>@(e,d)obj.handleMouseMotion(e,d)	3	0.681	0.007	
…opToolbarController>DesktopToolbarController.handleMouseMotion	3	0.674	0.012	
…rsManager.SubplotListenersManager>@(o,e)subplotlayout(ax,e,fig)	8	0.648	0.102	
…Controller.ToolbarController>ToolbarController.handleMouseMotion	3	0.515	0.017	
Legend.doUpdate	8	0.440	0.045	
Legend.autoUpdateCallback	58	0.428	0.087	
Legend.doMethod	72	0.398	0.014	
…youtManager.AxesLayoutManager>AxesLayoutManager.doUpdate	14	0.346	0.074	
…barController.ToolbarController>ToolbarController.getDefaultToolbar	1	0.339	0.008	
axis	8	0.305	0.010	
axis>LocCheckCompatibleLimits	8	0.283	0.006	
is2D	8	0.277	0.001	
is2D>testOneAxes	8	0.275	0.043	
…rButton.AxesToolbarButton>AxesToolbarButton.AxesToolbarButton	12	0.216	0.045	
subplot	8	0.202	0.070	
legend	2	0.189	0.006	
…Controller.ToolbarController>ToolbarController.createToolbarButton	11	0.185	0.005	
ToolbarButtonRegistry>ToolbarButtonRegistry.getButton	13	0.179	0.021	
legend>make_legend	2	0.179	0.007	
setdiff	116	0.178	0.018	
PointerMixin>PointerMixin.updatePointer	6	0.172	0.011	
…xesInteractions>UnifiedAxesInteractions.createDefaultInteractions	56	0.167	0.022	
ButtonImage.doUpdate	24	0.164	0.017	
setdiff>setdiffR2012a	116	0.160	0.028	
legend>process_inputs	2	0.159	0.019	
…ractions>UnifiedAxesInteractions.createDefaultInteractionsOnAxes	56	0.139	0.039	

xlabel	8	0.139	0.047	
ButtonImage.ButtonImage>ButtonImage.getImageData	24	0.138	0.008	
AxesToolbar.AxesToolbar>AxesToolbar.AxesToolbar	1	0.137	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.AxesToolbar	1	0.137	0.014	
Legend.doMethod>createEntries	2	0.134	0.028	
Legend.getPreferredSize	14	0.133	0.039	
ToolbarPushButton>ToolbarPushButton.ToolbarPushButton	5	0.130	0.002	
ismember	131	0.128	0.009	
ylabel	8	0.127	0.035	
AxesToolbarButton.AxesToolbarButton>AxesToolbarButton.set.Icon	23	0.123	0.008	
IconView>IconView.loadImage	13	0.123	0.002	
…lbarButton.AxesToolbarButton>AxesToolbarButton.setStandardIcon	26	0.123	0.040	
IconView>IconView.getTrueColorData	13	0.122	0.024	
ismember>ismemberR2012a	131	0.118	0.018	
Linger>@(o,e)motionCallback(hObj,o,e)	12	0.118	0.002	
Linger>Linger.motionCallback	12	0.117	0.027	
ismember>ismemberClassTypes	130	0.100	0.032	
…lbarController.ToolbarController>@(e,d)obj.handleMouseExited(e,d)	3	0.097	0.000	
…opToolbarController>DesktopToolbarController.handleMouseExited	3	0.096	0.000	
…rController.ToolbarController>ToolbarController.handleMouseExited	3	0.096	0.001	
Legend.doMethod>layoutEntries	8	0.096	0.052	
Legend.Legend>Legend.Legend	2	0.093	0.023	
imresize	13	0.087	0.015	
Legend.doMethod>getsizeinfo	22	0.087	0.032	
ToolbarButtonRegistry>ToolbarButtonRegistry.getContainer	1	0.085	0.004	
AxesToolbar.doUpdate	2	0.084	0.030	
unique	348	0.081	0.028	
ToolbarStateButton>ToolbarStateButton.ToolbarStateButton	6	0.081	0.005	
setPointer	6	0.079	0.014	
LegendEntry.LegendEntry>LegendEntry.LegendEntry	9	0.072	0.009	
…lbarButton.AxesToolbarButton>AxesToolbarButton.makeIconPaths	26	0.068	0.001	
AxesToolbarButton.AxesToolbarButton>makeIconPath	26	0.067	0.004	
setPointer>setCustomPointer	1	0.064	0.063	
ToolbarController.ToolbarController>ToolbarController.hideToolbar	4	0.064	0.003	
…eractionContainer>BaseAxesInteractionContainer.setupInteractions	56	0.062	0.027	
updateLegendMenuToolbar	18	0.058	0.050	
FadeTimer>FadeTimer.start	2	0.057	0.032	
…r.AxesLayoutManager>AxesLayoutManager.updateInnerOuterLists	14	0.056	0.022	
hggetbehavior	42	0.056	0.007	
Legend.doMethod>pushLegendPropsToLabels	8	0.055	0.034	
PointerMixin>PointerMixin.getPointerFromObject	2	0.055	0.002	
fullfile	52	0.054	0.020	
unique>uniqueR2012a	348	0.053	0.053	
LegendEntry.LegendEntry>LegendEntry.doSetup	9	0.053	0.018	

LegendEntry.LegendEntry>LegendEntry.doUpdate	36	0.051	0.028	
Legend.autoUpdateCallback>processGroups	58	0.051	0.006	
…tlab.graphics.illustration.internal.updateLegendMenuToolbar(h,e,[])	10	0.050	0.005	
islegendable	60	0.047	0.039	
PointerMixin>PointerMixin.getAxes3D	2	0.047	0.005	
Button.Button>Button.Button	12	0.046	0.022	
hggetbehavior>localGet	17	0.045	0.012	
…lbarController.ToolbarController>ToolbarController.doButtonUnhover	6	0.045	0.022	
Legend.doSetup	2	0.042	0.010	
subplot>datasiblings	8	0.042	0.039	
Legend.doMethod>getStringSizes	22	0.036	0.022	
Text.Text>Text.Text	18	0.035	0.005	
expandLegendChildren	60	0.034	0.029	
ToolbarDropdown>ToolbarDropdown.ToolbarDropdown	1	0.034	0.006	
AxesToolbar.isEnabledForAxes	19	0.033	0.021	
LingerEventData>LingerEventData.LingerEventData	13	0.033	0.007	
hold	16	0.033	0.020	
optimset	1	0.031	0.010	
Linger>Linger.startTimer	2	0.031	0.008	
newplotwrapper	36	0.030	0.007	
…ayoutManager>AxesLayoutManager.updateStartingLayoutPosition	14	0.030	0.010	
imresize>resizeAlongDim	26	0.029	0.028	
legend>getLegendableChildren	2	0.029	0.004	
hgbehaviorfactory	17	0.028	0.002	
isUIContextMenuSupported	8	0.028	0.006	
strcat	26	0.028	0.020	
…ner>StandardAxesInteractionContainer.shouldRecreateInteractions	56	0.027	0.009	
title	8	0.027	0.023	
num2str	42	0.027	0.018	
hgbehaviorfactory>localCreate	17	0.027	0.012	
imresize>parseInputs	13	0.026	0.008	
makehgtform	58	0.026	0.020	
Legend.autoUpdateCallback>removeNestedObjects	58	0.025	0.018	
findall	8	0.025	0.019	
Text.Text>Text.doSetup	18	0.025	0.021	
getLegendableChildren	2	0.024	0.009	
AxesToolbar.AxesToolbar>AxesToolbar.parentToolbarToAxesPane	1	0.024	0.007	
newplot	36	0.024	0.008	
ToolbarController.ToolbarController>ToolbarController.showToolbar	2	0.024	0.008	
MouseEventData>MouseEventData.MouseEventData	13	0.023	0.016	
timer.start	4	0.023	0.010	
validateDataType	42	0.023	0.008	
Legend.Legend>Legend.getBackgroundColor	66	0.023	0.011	
…ayoutManager>AxesLayoutManager.removeInvalidLayoutListItems	14	0.022	0.005	
JavaMigrationTools>JavaMigrationTools.suppressedJavaFrame	8	0.022	0.005	

timercb	6	0.022	0.010	
toolboxdir	26	0.021	0.009	
optimset>checkfield	3	0.021	0.020	
Linger>Linger.stopTimer	24	0.021	0.008	
Button.doUpdate	19	0.021	0.015	
AxesToolbar.AxesToolbar>AxesToolbar.getToolbarButtons	10	0.020	0.016	
… ontroller.ToolbarController>ToolbarController.setToolbarModeState	1	0.020	0.000	
… edModeStrategy>FigureBasedModeStrategy.setToolbarModeState	1	0.020	0.003	
cell.ismember	56	0.020	0.011	
updateFontProperties	14	0.020	0.015	
flipud	140	0.017	0.009	
ButtonImage.ButtonImage>ButtonImage.ButtonImage	13	0.017	0.006	
AxesLayoutManager.AxesLayoutManager>calculateLooseInset	14	0.017	0.017	
InteractionContainer>InteractionContainer.get.InteractionsArray	112	0.017	0.007	
graph2d/private/subplot_parseargs	8	0.016	0.015	
JavaMigrationTools>suppressWarning	8	0.016	0.012	
generateDisplayNames	58	0.015	0.015	
DataTipsBase>@(o,e)canvasExitCallback(hObj)	24	0.015	0.001	
validateDataType>GetSubscripts	18	0.015	0.004	
… ler.ToolbarController>ToolbarController.setToolbarBackgroundColor	2	0.015	0.006	
Legend.Legend>Legend.setLayoutPosition	14	0.015	0.002	
…nager.SubplotListenersManager>SubplotListenersManager.disable	8	0.015	0.015	
Legend.Legend>Legend.get.Orientation	122	0.015	0.007	
gobjects	141	0.014	0.014	
…lbarButton.AxesToolbarButton>AxesToolbarButton.setOverflowIcon	3	0.014	0.000	
ToolbarController.ToolbarController>ToolbarController.isOverToolbar	2	0.014	0.011	
IconView>IconView.set.Icon	26	0.014	0.006	
timer.stop	8	0.014	0.009	
ToolbarDropdown>ToolbarDropdown.doUpdate	1	0.014	0.004	
DataTipsBase>DataTipsBase.canvasExitCallback	24	0.014	0.003	
InteractionContainer>InteractionContainer.updateCanvasAndFigure	56	0.013	0.012	
isprop	66	0.013	0.006	
Legend.Legend>Legend.get.Position_I	44	0.013	0.003	
timer.timer>timer.timer	1	0.013	0.004	
convertUnits	112	0.013	0.013	
objArrayDispatch	48	0.012	0.009	
Backdrop>Backdrop.doUpdate	6	0.012	0.009	
Legend.Legend>Legend.set.Position_I	14	0.012	0.003	
FadeGroup>FadeGroup.doTransformTrueColorToTrueColor	38	0.012	0.007	
Legend.Legend>Legend.getPlotChildrenExcluded	58	0.012	0.002	
box	8	0.011	0.008	
…nager.SubplotListenersManager>SubplotListenersManager.enable	8	0.011	0.011	
Backdrop>Backdrop.Backdrop	3	0.011	0.004	
FadeGroup>FadeGroup.FadeGroup	2	0.011	0.005	
ToolbarController.ToolbarController>ToolbarController.createListeners	1	0.011	0.000	

getDefaultCamera	1	0.011	0.006	
AxesToolbar.AxesToolbar>AxesToolbar.togglePickable	3	0.011	0.006	
Legend.Legend>Legend.get.Axes	100	0.011	0.002	
…ureBasedModeStrategy>FigureBasedModeStrategy.createListeners	1	0.010	0.010	
LegendIcon.LegendIcon>LegendIcon.LegendIcon	18	0.010	0.010	
contributions	26	0.010	0.008	
…arController.ToolbarController>ToolbarController.get.FadeOutTimer	9	0.010	0.009	
Legend.Legend>Legend.getPositionImpl	44	0.010	0.010	
Legend.addToLayout	14	0.010	0.003	
Text.Text>Text.doUpdate	36	0.010	0.010	
Legend.Legend>Legend.get.PlotChildrenExcluded	58	0.010	0.006	
…xesInteractions>UnifiedAxesInteractions.checkIfHWCallbacksExist	56	0.010	0.010	
PointerMixin>PointerMixin.hasDisabledInteractions	6	0.010	0.007	
…er>CartesianAxesInteractionContainer.getDefaultInteractionsArray	112	0.009	0.006	
Legend.Legend>Legend.get.Units	30	0.009	0.003	
hgbehaviorfactory>localGetBehaviorInfo	17	0.009	0.009	
Legend.Legend>Legend.get.AutoUpdate	80	0.009	0.007	
Legend.Legend>Legend.get.Location	52	0.009	0.004	
flip	140	0.009	0.009	
Legend.Legend>Legend.get.Axes_I	100	0.009	0.007	
Legend.Legend>Legend.getPlotChildrenSpecified	58	0.008	0.002	
Button.Button>Button.set.Content	13	0.008	0.007	
markFigure	48	0.008	0.008	
hasbehavior	278	0.008	0.008	
Legend.Legend>Legend.get.Orientation_I	130	0.008	0.007	
ismember>ismemberBuiltinTypes	117	0.008	0.008	
axis>LocSetLimits	8	0.008	0.007	
PointerMixin>PointerMixin.getHitObject	6	0.008	0.006	
ind2rgb	13	0.008	0.003	
isUIFigure	64	0.008	0.008	
Legend.getNamesForLayout	22	0.007	0.006	
isprop>hasProp	66	0.007	0.007	
Legend.Legend>Legend.set.BoxEdge_I	2	0.007	0.002	
timer.timercb	6	0.007	0.006	
Legend.doMethod>@(src,ed)defaultContextMenuCB(uic,ed,h)	16	0.007	0.001	
AxesToolbar.getBehaviorName	19	0.007	0.007	
imresize>fixupSizeAndScale	13	0.007	0.004	
LegendEntry.LegendEntry>LegendEntry.set.Label	18	0.007	0.006	
LegendEntry.LegendEntry>LegendEntry.set.Object	9	0.007	0.005	
imresize>parsePreMethodArgs	13	0.007	0.005	
cell.unique	2	0.007	0.003	
hggetbehavior>localPeek	42	0.007	0.007	
Legend.Legend>Legend.get.Units_I	30	0.007	0.003	
Legend.Legend>Legend.get.PlotChildrenSpecified	58	0.007	0.004	
Legend.removeAllEntries	2	0.006	0.006	

Legend.Legend>Legend.get.Box	66	0.006	0.005	
Legend.doMethod>syncEntries	6	0.006	0.004	
ButtonImage.ButtonImage>@(e,d)obj.updateCache(e)	38	0.006	0.002	
InteractionsList>InteractionsList.hasValidInteractions	56	0.006	0.006	
…oolbarButton.AxesToolbarButton>AxesToolbarButton.setParentImpl	22	0.006	0.006	
TextInteractions>TextInteractions.createAndRegisterTextControl	148	0.006	0.003	
Legend.doMethod>calculateXLocations	8	0.006	0.004	
Legend.setupBoxEdge	2	0.006	0.006	
num2str>handleNumericPrecision	8	0.006	0.001	
updateLegendMenuToolbar>isValidLegendHandleObject	18	0.006	0.006	
Legend.Legend>Legend.get.Interpreter	99	0.006	0.005	
Linger>Linger.resetLinger	12	0.006	0.002	
Legend.doMethod>getsize	22	0.006	0.004	
AxesToolbar.AxesToolbar>AxesToolbar.set.Opacity	4	0.006	0.006	
AxesToolbar.AxesToolbar>AxesToolbar.matchBackgroundColor	2	0.006	0.001	
Legend.doMethod>defaultContextMenuCB	16	0.006	0.006	
makehgtform>matrixMultiply	113	0.006	0.006	
legend>find_legend	2	0.006	0.005	
PointerMixin>PointerMixin.getEnabledByBehavior	2	0.006	0.001	
Legend.Legend>Legend.get.Location_I	60	0.006	0.004	
allchild	2	0.006	0.004	
PointerMixin>PointerMixin.isModeEnabled	6	0.005	0.004	
Legend.getEntries	16	0.005	0.003	
Legend.Legend>Legend.get.Color	66	0.005	0.004	
Legend.Legend>Legend.setBoxEdge_IFanoutProps	2	0.005	0.004	
axescheck	16	0.005	0.003	
expandLegendChildren>@(x)isa(x,'matlab.graphics.primitive.Group')	349	0.005	0.005	
Legend.doMethod>supportsTitle	30	0.005	0.003	
newplot>ObserveAxesNextPlot	36	0.005	0.005	
num2str>convertUsingRecycledSprintf	8	0.005	0.005	
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	112	0.005	0.005	
LegendEntry.LegendEntry>LegendEntry.addLabel	9	0.005	0.002	
ButtonImage.ButtonImage>ButtonImage.set.ImageSource	13	0.005	0.005	
ind2rgb	13	0.005	0.004	
…oolbarButton.AxesToolbarButton>AxesToolbarButton.getParentImpl	84	0.005	0.005	
…sToolbarButton.AxesToolbarButton>AxesToolbarButton.set.Position	14	0.005	0.005	
graph2d/private/labelcheck	24	0.005	0.004	
Text.Text>Text.set.String	9	0.005	0.004	
ControlsGroup>ControlsGroup.ControlsGroup	2	0.005	0.004	
…AxesInteractions>UnifiedAxesInteractions.checkIfCameraPropsSet	56	0.005	0.005	
convertDistances	14	0.005	0.005	
Legend.attachAxesListeners>safeMarkDirty	14	0.005	0.004	
DataTipsBase>DataTipsBase.deleteTip	24	0.005	0.004	
ButtonImage.ButtonImage>ButtonImage.updateCache	38	0.005	0.005	

…ager.ScribeStackManager>ScribeStackManager.getDefaultCamera	1	0.005	0.000	
…utton.AxesToolbarButton>AxesToolbarButton.set.BackgroundColor	17	0.004	0.002	
mltimerpackage	8	0.004	0.004	
…tackManager.ScribeStackManager>ScribeStackManager.getLayer	1	0.004	0.004	
@datetime/private/getDatetimeSettings	4	0.004	0.004	
timer.timer>timer.getJobjects	26	0.004	0.004	
…xesLayoutManager>AxesLayoutManager.syncLayoutInfoFromAxes	14	0.004	0.004	
ToolbarDropdown>ToolbarDropdown.doGetChildren	10	0.004	0.004	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	32	0.004	0.004	
settings	11	0.004	0.002	
IconView>IconView.IconView	13	0.004	0.003	
Legend.Legend>Legend.getUnitsImpl	30	0.004	0.004	
Text.Text>Text.set.FontName	36	0.004	0.004	
AxesToolbar.AxesToolbar>AxesToolbar.setBackgroundColor	2	0.004	0.003	
Legend.Legend>Legend.getPlotChildrenExcludedImpl	58	0.004	0.004	
LegendEntry.LegendEntry>LegendEntry.set.Icon	18	0.004	0.004	
Text.Text>Text.set.TextComp	18	0.004	0.004	
transformViewerToWorld	2	0.004	0.003	
ControlsGroup>ControlsGroup.doUpdate	3	0.004	0.001	
Text.Text>Text.set.Color	36	0.004	0.004	
Text.Text>Text.set.FontAngle	36	0.004	0.004	
Legend.doMethod>createDefaultContextMenu	2	0.004	0.004	
Legend.Legend>Legend.set.TitleSeparator_I	2	0.004	0.001	
Text.Text>Text.set.FontSize	36	0.004	0.004	
Text.Text>Text.set.FontWeight	36	0.004	0.004	
ToolbarValidator>ToolbarValidator.isValidIcon	23	0.004	0.003	
…sLayoutManager.AxesLayoutManager>AxesLayoutManager.is2Dim	14	0.004	0.004	
TextInteractions>TextInteractions.getCanvas	148	0.004	0.004	
IconView>IconView.setDPIScale	24	0.004	0.003	
DataTipsBase>getNearestPoint	2	0.004	0.003	
Legend.Legend>Legend.set.BoxFace_I	2	0.004	0.002	
AxesLayoutManager.AxesLayoutManager>isNearlyEqual	14	0.004	0.002	
LegendEntry.LegendEntry>LegendEntry.addIcon	9	0.003	0.002	
timer.timer>timer.get.Running	15	0.003	0.001	
AxesToolbar.AxesToolbar>AxesToolbar.addChild	10	0.003	0.003	
getSpatialTransforms	2	0.003	0.003	
Text.Text>Text.set.Interpreter	36	0.003	0.003	
Legend.getPreferredLocation	14	0.003	0.002	
FadeGroup>blendTrueColorData	38	0.003	0.003	
Legend.Legend>Legend.get.version	136	0.003	0.003	
RandStream.RandStream>RandStream.RandStream	1	0.003	0.002	
Legend.doSetup>@(h,e)hObj.doDelete	2	0.003	0.002	
…anager.AxesLayoutManager>AxesLayoutManager.hasValidParent	14	0.003	0.003	
Legend.doMethod>calculateYLocations	8	0.003	0.003	
datetime.datetime>datetime.datetime	2	0.003	0.001	

Legend.Legend>Legend.set.Location	4	0.003	0.001	
isClipboardSupported	2	0.003	0.003	
…teractionSet>DefaultAxesInteractionSet.DefaultAxesInteractionSet	112	0.003	0.002	
PointerMixin>PointerMixin.createModeListener	6	0.003	0.001	
findall>showHiddenHandlesToFindAllHandles	8	0.003	0.003	
Legend.addEntry	9	0.003	0.003	
LegendIcon.LegendIcon>LegendIcon.addGraphic	9	0.003	0.003	
…_DesktopToolbarController>DesktopToolbarController.translateEvent	3	0.003	0.001	
FadeTimer>FadeTimer.get.Running	6	0.003	0.002	
Text.Text>Text.set.Position	36	0.003	0.003	
ToolbarStateButton>ToolbarStateButton.set.Value	6	0.003	0.002	
AxesToolbar.AxesToolbar>AxesToolbar.getParentImpl	40	0.003	0.003	
partialMatchString	2	0.003	0.003	
…_sktopToolbarController>DesktopToolbarController.canShowToolbar	3	0.003	0.001	
Legend.Legend>Legend.setTitleSeparator_IFanoutProps	2	0.003	0.003	
stringToChar	13	0.003	0.001	
timer.timer>timer.getProperty	15	0.003	0.003	
InteractionContainer>InteractionContainer.get.Enabled	114	0.003	0.003	
LegendEntry.LegendEntry>LegendEntry.set.LayoutInfo	36	0.003	0.003	
LegendEntry.LegendEntry>LegendEntry.set.Color	36	0.003	0.003	
axescheck>@(x)(isStringScalar(x)||ischar(x))&&strcmpi('parent',x)	16	0.003	0.002	
…olbarButton.AxesToolbarButton>AxesToolbarButton.togglePickable	36	0.003	0.003	
Legend.Legend>Legend.getPlotChildrenSpecifiedImpl	58	0.003	0.003	
LegendEntry.LegendEntry>LegendEntry.set.Legend	9	0.003	0.003	
timer.timer>timer.set.ObjectVisibility	1	0.003	0.002	
…ger.SubplotListenersManager>@(o,e)subplotlayoutInvalid(ax,e,fig)	32	0.003	0.003	
…utManager.AxesLayoutManager>AxesLayoutManager.getManager	2	0.002	0.002	
…tManager.AxesLayoutManager>AxesLayoutManager.set.LayoutList	14	0.002	0.002	
ListComponent.ListComponent>ListComponent.ListComponent	14	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.FontWeight	36	0.002	0.002	
…edAxesInteractions>UnifiedAxesInteractions.isFigureToolbarHidden	56	0.002	0.002	
Legend.Legend>Legend.get.LimitMaxLegendEntries	58	0.002	0.001	
LegendEntry.LegendEntry>LegendEntry.set.Interpreter	36	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.Overlay	9	0.002	0.002	
newplot>ObserveFigureNextPlot	36	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.FontAngle	36	0.002	0.002	
…ton.AxesToolbarButton>AxesToolbarButton.doSetBackgroundColor	17	0.002	0.002	
settings	11	0.002	0.002	
linspace	39	0.002	0.002	
DataTipsBase>@(o,e)hObj.motionCallback(o,e)	12	0.002	0.001	
PlotEditBehavior.PlotEditBehavior>PlotEditBehavior.PlotEditBehavior	2	0.002	0.002	
fullfile>ensureTrailingFilesep	52	0.002	0.001	
Legend.Legend>Legend.set.EntryContainer_I	2	0.002	0.002	
LegendEntry.LegendEntry>LegendEntry.set.FontSize	36	0.002	0.002	
convertStringToCharArgs	32	0.002	0.002	

LegendEntry.LegendEntry>LegendEntry.set.FontName	36	0.002	0.002	
legend>setDisplayNames	2	0.002	0.002	
timer.timer>timer.set.StartDelay	2	0.002	0.001	
axis>allAxes	8	0.002	0.002	
int2str	34	0.002	0.002	
cubic	26	0.002	0.002	
timer.timer>timer.set.TimerFcn	1	0.002	0.002	
Legend.doMethod>getpixelsperpoint	22	0.002	0.002	
ControlsGroup>ControlsGroup.addChild	7	0.002	0.002	
@timer/private/isJavaTimer	8	0.002	0.002	
Legend.Legend>Legend.get.standalone	8	0.002	0.001	
DataCursorBehavior>DataCursorBehavior.DataCursorBehavior	12	0.002	0.001	
fullfile>refinePath	52	0.002	0.002	
Legend.Legend>Legend.get.Box_I	76	0.002	0.002	
Legend.Legend>Legend.set.DataSpace_I	2	0.002	0.002	
FadeGroup>FadeGroup.getParentColorSpace	38	0.002	0.002	
Legend.Legend>Legend.get.ItemTokenSize	44	0.002	0.001	
ButtonImage.ButtonImage>ButtonImage.set.Layer	13	0.002	0.002	
Legend.Legend>Legend.getAxesImpl	100	0.002	0.002	
Legend.initializePositionCache	8	0.002	0.001	
Legend.Legend>Legend.getAutoUpdateImpl	80	0.002	0.002	
Legend.Legend>Legend.set.ColorSpace_I	2	0.002	0.002	
Legend.Legend>Legend.set.SelectionHandle_I	2	0.002	0.001	
Legend.Legend>Legend.set.DecorationContainer_I	2	0.002	0.002	
FadeTimer>@(e,d)this.timercb	6	0.002	0.001	
ScrollEvent>@(o,e)hObj.motioncallback(o,e)	12	0.002	0.001	
Legend.Legend>Legend.setBoxFace_IFanoutProps	2	0.002	0.002	
ToolbarButtonRegistry>ToolbarButtonRegistry.isValidButtonForAxes	13	0.002	0.002	
imresize>preprocessImage	13	0.002	0.001	
datetime.datetime>currentTime	2	0.002	0.001	
findall>@()set(rootobj,'ShowHiddenHandles',Temp)	8	0.002	0.002	
HGBehavior>HGBehavior.HGBehavior	17	0.002	0.002	
FadeTimer>FadeTimer.isvalidTimer	15	0.002	0.002	
ToolbarDropdown>ToolbarDropdown.addChild	5	0.002	0.001	
ButtonImage.ButtonImage>ButtonImage.applyAlpha	24	0.002	0.002	
filesep	1	0.002	0.001	
fullfile>addTrailingFileSep	52	0.002	0.002	
ButtonImage.ButtonImage>ButtonImage.getImageRatios	24	0.002	0.002	
Legend.doDelete	2	0.002	0.000	
IconDropdownView>IconDropdownView.IconDropdownView	1	0.002	0.000	
… ller.DesktopToolbarController>DesktopToolbarController.getHitAxes	3	0.002	0.002	
Control>Control.Control	17	0.002	0.002	
AxesToolbar.AxesToolbar>AxesToolbar.setToolbarPosition	1	0.002	0.001	
Legend.Legend>Legend.set.SelfListenerList	2	0.002	0.001	

Legend.updateTitleProperties	14	0.002	0.002	
…nterModeStrategy>FigurePointerModeStrategy.createModeListener	6	0.002	0.002	
Legend.Legend>Legend.getOrientationImpl	130	0.002	0.002	
Legend.Legend>Legend.get.Interpreter_I	135	0.002	0.002	
subplot>isSubplotCandidate	32	0.001	0.001	
Legend.doUpdate>convertUnits	16	0.001	0.001	
…ractionContainer>StandardAxesInteractionContainer.isFirst2DTo3D	56	0.001	0.001	
isCharOrString	16	0.001	0.001	
AxesToolbar.AxesToolbar>localGetCanvasContainingAncestor	4	0.001	0.001	
AxesLayoutManager.AxesLayoutManager>capMinimumSize	14	0.001	0.001	
. olbarController.ToolbarController>ToolbarController.get.ToolTipTimer	6	0.001	0.001	
RandStream.RandStream>RandStream.setGlobalStream	1	0.001	0.000	
deriveScaleFromSize	13	0.001	0.001	
imresize>fixupSize	13	0.001	0.001	
isAxesHit	2	0.001	0.001	
imresize>findMethodArg	13	0.001	0.001	
Legend.Legend>Legend.get.FontSize_I	87	0.001	0.001	
stringToChar>@(x)convertToChar(x)	26	0.001	0.001	
Legend.doMethod>hasTitle	30	0.001	0.001	
Linger>Linger.enterEvent	2	0.001	0.001	
LegendEntry.LegendEntry>LegendEntry.set.PeerVisible	9	0.001	0.001	
…ePointerModeStrategy>FigurePointerModeStrategy.isModeEnabled	6	0.001	0.001	
ToolTipMixin>ToolTipMixin.hideToolTip	69	0.001	0.001	
PointerMixin>PointerMixin.getInvisibleAxes	8	0.001	0.001	
updateLegendMenuToolbar>isValidColorBarHandleObject	18	0.001	0.001	
findFirstParamString	13	0.001	0.001	
imresize>scaleOrSize	13	0.001	0.001	
Legend.Legend>Legend.set.Location_I	4	0.001	0.001	
com.mathworks.timer.TimerTask (Java method)	18	0.001	0.001	
PrintBehavior>PrintBehavior.PrintBehavior	3	0.001	0.001	
Legend.Legend>Legend.get.Camera	96	0.001	0.001	
imresize>postprocessImage	13	0.001	0.001	
Legend.Legend>Legend.get.FontName_I	72	0.001	0.001	
AxesToolbarButton.AxesToolbarButton>AxesToolbarButton.unhover	72	0.001	0.001	
Legend.Legend>Legend.get.Color_I	68	0.001	0.001	
RandStream.RandStream>localGetSetGlobalStream	1	0.001	0.001	
Legend.Legend>Legend.getLocationImpl	60	0.001	0.001	
Legend.Legend>Legend.set.PlotChildrenSpecified	2	0.001	0.001	
getViewportInDevicePixels	2	0.001	0.001	
…asedModeStrategy>FigureBasedModeStrategy.hasFigureChanged	2	0.001	0.001	
IconDropdownView>IconDropdownView.addDecoration	1	0.001	0.001	
mustBeValidGraphicsObject	56	0.001	0.001	
ItemLayoutInfo>ItemLayoutInfo.ItemLayoutInfo	36	0.001	0.001	
Legend.Legend>Legend.get.FontAngle_I	72	0.001	0.001	
…sLayoutManager.AxesLayoutManager>@(~,~)(hObj.MarkDirty('all'))	8	0.001	0.001	

legend>get_legend_properties	2	0.001	0.001	
Legend.Legend>Legend.get.FontWeight_I	72	0.001	0.001	
…outManager.AxesLayoutManager>@(obj,evd)(hObj.MarkDirty('all'))	14	0.001	0.001	
Text.Text>@(h,e)hObj.MarkDirty('all')	9	0.001	0.001	
RandStream.RandStream>getargs	1	0.001	0.001	
ImageSource>ImageSource.ImageSource	13	0.001	0.001	
Legend.Legend>Legend.set.CLim_I	2	0.001	0.001	
…seAxesInteractionContainer>BaseAxesInteractionContainer.set.is2d	56	0.001	0.001	
blanks	26	0.001	0.001	
+internal/private/combineTransforms	2	0.001	0.001	
Button.Button>Button.checkColorSpaceDependency	12	0.001	0.001	
…oolbarController.DesktopToolbarController>isAxesToolbarExcluded	3	0.001	0.001	
getPointInPixels	12	0.001	0.001	
isPublishingTest	56	0.001	0.001	
Legend.Legend>Legend.get.EntryContainer	45	0.001	0.001	
FadeTimer>FadeTimer.stop	1	0.001	0.000	
Legend.Legend>Legend.getGraphicsAxes	2	0.001	0.001	
Legend.Legend>Legend.get.BoxEdge	34	0.001	0.001	
Legend.Legend>Legend.set.NumRowsInternal	22	0.001	0.001	
Legend.Legend>Legend.get.SelfListenerList	4	0.001	0.000	
Button.Button>Button.set.FaceType	12	0.001	0.001	
cell.unique>celluniqueR2012a	2	0.001	0.001	
Legend.Legend>Legend.set.Camera_I	2	0.001	0.001	
DataTipsBase>DataTipsBase.motionCallback	12	0.001	0.001	
Legend.Legend>Legend.get.LimitMaxLegendEntries_I	58	0.001	0.001	
allchild>getchildren	2	0.001	0.001	
…ontroller.ToolbarController>ToolbarController.isDifferentAxesLayout	1	0.001	0.001	
ToolbarDropdown>ToolbarDropdown.doSetBackgroundColor	2	0.001	0.000	
imresizemex (MEX-file)	26	0.001	0.001	
Legend.Legend>Legend.get.TitleSeparator	38	0.001	0.001	
…ontroller.ToolbarController>ToolbarController.getLayoutInformation	2	0.001	0.001	
Text.Text>Text.getParentImpl	36	0.001	0.001	
Button.Button>Button.set.Layer	12	0.001	0.001	
ToolTipMixin>ToolTipMixin.ToolTipMixin	11	0.001	0.001	
…b.graphics.illustration.ColorBar')||isa(obj,'matlab.ui.control.UIAxes')	180	0.001	0.001	
Legend.Legend>Legend.get.ColorSpace	10	0.001	0.001	
Legend.Legend>Legend.get.PositionCache	8	0.001	0.001	
Legend.Legend>Legend.get.TextColor_I	36	0.001	0.001	
Legend.Legend>Legend.get.BoxFace	20	0.001	0.001	
Button.Button>Button.set.BorderType	12	0.001	0.001	
Legend.Legend>Legend.get.SelectionHandle	22	0.001	0.001	
getPointerCData	1	0.001	0.001	
legend>istextscalar	21	0.001	0.001	
Legend.Legend>Legend.set.LocationMode	4	0.001	0.001	
ToolbarController.ToolbarController>ToolbarController.inActiveArea	1	0.001	0.000	

PointerMixin>PointerMixin.allowsPanBeforeZoom	2	0.001	0.001	
ind2rgbPreProcess	13	0.001	0.001	
mustBeGreaterThanOrEqual	8	0.001	0.001	
DataCursorBehavior>DataCursorBehavior.dosupport	12	0.001	0.001	
. olbarController.ToolbarController>ToolbarController.canShowToolbar	3	0.001	0.001	
Legend.Legend>Legend.get.NumColumnsInternal	30	0.001	0.001	
Legend.Legend>Legend.get.LineWidthMode	8	0.001	0.001	
imresize>parseParamValuePairs	13	0.001	0.001	
mustBeLessThanOrEqual	8	0.001	0.001	
Legend.Legend>Legend.get.DataSpace	8	0.001	0.001	
Legend.Legend>Legend.get.NumColumns_I	22	0.001	0.001	
BaseInteractionSet>BaseInteractionSet.BaseInteractionSet	112	0.001	0.001	
imresize>warnIfPostMethodArgs	13	0.001	0.001	
Legend.Legend>Legend.get.ItemTokenSize_I	44	0.001	0.001	
Legend.Legend>Legend.get.NumColumnsMode	22	0.001	0.001	
Legend.Legend>Legend.get.InitPositionCache	8	0.001	0.001	
Legend.Legend>Legend.get.FontNameMode	14	0.001	0.001	
Legend.Legend>Legend.set.SPosition	8	0.001	0.001	
Backdrop>Backdrop.set.Color	5	0.001	0.001	
Legend.Legend>Legend.set.NumColumnsInternal	22	0.001	0.001	
fullfile>@(x)~iscell(x)&&isempty(x)	208	0.001	0.001	
Legend.Legend>Legend.get.NumRowsInternal	30	0.001	0.001	
Legend.Legend>Legend.get.LineWidth_I	16	0.001	0.001	
setptr	1	0.001	0.001	
FadeTimer>FadeTimer.timercb	6	0.001	0.001	
PointerMixin>PointerMixin.hasUserModifiedPointer	6	0.001	0.001	
Legend.Legend>Legend.get.FontSizeMode	14	0.001	0.001	
…utManager.AxesLayoutManager>AxesLayoutManager.doMarkDirty	2	0.001	0.001	
ToolbarStateButton>ToolbarStateButton.get.Value	14	0.001	0.001	
Legend.Legend>Legend.get.DecorationContainer	12	0.001	0.001	
Legend.Legend>Legend.get.FontWeightMode	14	0.001	0.001	
stringToChar>convertToChar	26	0.001	0.001	
legend>istextscalarvector	11	0.001	0.001	
Legend.Legend>Legend.get.FontAngleMode	14	0.001	0.001	
isStringScalar	16	0.001	0.001	
Legend.Legend>Legend.get.standalone_I	8	0.001	0.001	
ToolbarButtonRegistry>ToolbarButtonRegistry.getInstance	10	0.001	0.001	
timer.timer>makeDefaultJobject	1	0.001	0.001	
graph2d/private/labelcheck>local_validlabelobj	8	0.001	0.001	
…ndEntry.LegendEntry>mustBe_matlab_graphics_mixin_Legendable	9	0.001	0.001	
Legend.doMethod>@(h,e)delete(uic)	2	0.001	0.001	
Legend.Legend>Legend.get.SelfListenerList_I	6	0.001	0.001	
IconView>IconView.set.Selected	6	0.001	0.001	
createDataAnnotatable	2	0.001	0.001	

getSettingsRoot	1	0.001	0.001	
isPureNearestNeighborComputation	52	0.001	0.001	
ScrollEvent>ScrollEvent.motioncallback	12	0.001	0.001	
timer.timer>timer.getStartDelayInMiliSec_internal	4	0.001	0.001	
imresize>isInputIndexed	39	0.001	0.001	
ToolbarDropdown>ToolbarDropdown.doClose	6	0.001	0.001	
Legend.Legend>Legend.set.SelfListenerListMode	2	0.001	0.000	
DataTipsBase>@(o,e)hObj.lingerEnterCallback(o,e)	2	0.000	0.000	
mpower	6	0.000	0.000	
Legend.Legend>Legend.get.EdgeColor_I	8	0.000	0.000	
DataTipProvider>DataTipProvider.get	24	0.000	0.000	
imresize>checkForMissingOutputArgument	13	0.000	0.000	
dimensionOrder	13	0.000	0.000	
…pToolbarController>DesktopToolbarController.axesHandleVisibleOff	2	0.000	0.000	
allchild>@()set(rootobj,'ShowHiddenHandles',Temp)	2	0.000	0.000	
IconView>IconView.addDecoration	25	0.000	0.000	
optimfun/private/optimoptioncheckfield	1	0.000	0.000	
ToolbarDropdown>ToolbarDropdown.setParentImpl	2	0.000	0.000	
JavaMigrationTools>@()warning(w)	8	0.000	0.000	
timer.timer>timer.set.BusyMode	1	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.get.Opacity	6	0.000	0.000	
Legend.Legend>Legend.set.PlotChildrenSpecifiedMode	2	0.000	0.000	
JavaMigrationTools>@()lastwarn(lastmsg,lastid)	8	0.000	0.000	
…lbarController.ToolbarController>ToolbarController.getCanvasFigure	3	0.000	0.000	
mustBeFinite	26	0.000	0.000	
isplotyyaxes	2	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.redrawToolbar	2	0.000	0.000	
iscategorical	78	0.000	0.000	
Legend.Legend>Legend.get.EdgeColor	4	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	1	0.000	0.000	
ControlsGroup>ControlsGroup.set.Anchor	1	0.000	0.000	
datetime.datetime>datetime.getsetLocalTimeZone	2	0.000	0.000	
timer.timer>timer.set.Name	2	0.000	0.000	
FadeGroup>FadeGroup.doUpdate	4	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.isInsideToolbar	1	0.000	0.000	
PrintBehavior>PrintBehavior.dosupport	3	0.000	0.000	
timer.timer>timer.getPeriodMiliSec_internal	4	0.000	0.000	
isMatchingSize	2	0.000	0.000	
+internal/private/combineTransforms>getCameraViewport	2	0.000	0.000	
…tManager.AxesLayoutManager>AxesLayoutManager.getParentImpl	30	0.000	0.000	
…tackManager.ScribeStackManager>ScribeStackManager.findLayer	1	0.000	0.000	
…ata>ProcessInteractionsEventData.ProcessInteractionsEventData	3	0.000	0.000	
PlotEditBehavior.PlotEditBehavior>PlotEditBehavior.dosupport	2	0.000	0.000	
isenum	1	0.000	0.000	
uitools/private/allchildRootHelper	2	0.000	0.000	

Legend.isStretchToFill	14	0.000	0.000	
optimfun/private/uselargeoptimstruct	1	0.000	0.000	
… esktopToolbarController>DesktopToolbarController.isPlotEditMode	3	0.000	0.000	
@timer/private/validateAndGetCallbackFcnType	1	0.000	0.000	
RandStream.RandStream>RandStream.algName	1	0.000	0.000	
mltimerpackage>addToList	1	0.000	0.000	
Backdrop>Backdrop.set.Layer	3	0.000	0.000	
Backdrop>Backdrop.setPickableParts	3	0.000	0.000	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	1	0.000	0.000	
ModeManagerListener>ModeManagerListener.ModeManagerListener	1	0.000	0.000	
ToolbarController.ToolbarController>ToolbarController.isInLayout	2	0.000	0.000	
Legend.doMethod>setButtonDownFcn	2	0.000	0.000	
… arController.ToolbarController>ToolbarController.setCurrentToolbar	2	0.000	0.000	
datetime.datetime>initDateFieldsStructure	1	0.000	0.000	
mustBeNonnegative	2	0.000	0.000	
ispc	2	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.set.ToolbarAnchorPoint	1	0.000	0.000	
ctorHelper	2	0.000	0.000	
Legend.Legend>Legend.get.LocationMode	4	0.000	0.000	
DataTipsBase>DataTipsBase.lingerEnterCallback	2	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy.getCanvasFigure	1	0.000	0.000	
RandStream.RandStream>RandStream.delete	1	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.setParentImpl	2	0.000	0.000	
strlength	2	0.000	0.000	
timer.timer>timer.runCheck	1	0.000	0.000	
optimset>nonNegInteger	1	0.000	0.000	
datetime.datetime>canonicalizeTZforLocal	1	0.000	0.000	
Legend.Legend>Legend.get.PlotChildrenSpecifiedMode	2	0.000	0.000	
isWebAppServer	2	0.000	0.000	
cellstr	1	0.000	0.000	
optimfun/private/optimoptioncheckfield>stringsType	1	0.000	0.000	
Legend.Legend>Legend.get.SelfListenerListMode	2	0.000	0.000	
Legend.Legend>Legend.set.SelfListenerList_I	2	0.000	0.000	
Linger>Linger.exitEvent	1	0.000	0.000	
…sToolbarButton.AxesToolbarButton>AxesToolbarButton.get.Position	1	0.000	0.000	
mustBeNumeric	2	0.000	0.000	
optimset>displayType	1	0.000	0.000	
optimset>onDeprecationPathOptionCheck	3	0.000	0.000	
timercb	1	0.000	0.000	
ToolbarController.ToolbarController>ToolbarController.getHitAxes	3	0.000	0.000	
optimfun/private/optimoptiongetfields	1	0.000	0.000	
Legend.Legend>Legend.setDataSpace_IFanoutProps	2	0.000	0.000	
… oller.ToolbarController>ToolbarController.getButtonStateFromMode	1	0.000	0.000	
Legend.Legend>Legend.setEntryContainer_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setCamera_IFanoutProps	2	0.000	0.000	

Legend.Legend>Legend.setDecorationContainer_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setSelectionHandle_IFanoutProps	2	0.000	0.000	
Legend.Legend>Legend.setColorSpace_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.