

Profile Summary

Generated 17-Sep-2017 15:36:37 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
VfIdeterministic	1	26.766 s	25.706 s	
legend	2	0.669 s	0.106 s	
legend>make_legend	2	0.563 s	0.013 s	
Legend.Legend>Legend.Legend	2	0.311 s	0.044 s	
Legend.doSetup	2	0.234 s	0.025 s	
Legend.doMethod	16	0.203 s	0.006 s	
Legend.Legend>Legend.set.Axes	2	0.168 s	0.001 s	
...Manager>AxesLayoutManager.doUpdate	6	0.168 s	0.056 s	
Legend.Legend>Legend.set.Axes_l	2	0.165 s	0.002 s	
Legend.Legend>Legend.setAxesImpl	2	0.163 s	0.005 s	
Legend.doMethod>set_contextmenu	2	0.161 s	0.047 s	
legendcolorbarlayout	4	0.145 s	0.048 s	
title	4	0.140 s	0.021 s	
subplot	4	0.119 s	0.069 s	
graph2dhelper	20	0.114 s	0.029 s	
...nager>AxesLayoutManagergetManager	4	0.068 s	0.005 s	
scribe/private/createScribeUIMenuEntry	18	0.063 s	0.010 s	
Legend.getPreferredSize	6	0.063 s	0.004 s	
xlabel	4	0.048 s	0.015 s	
...>AxesLayoutManager.insertAboveAxes	2	0.048 s	0.013 s	
subplot>addAxesToGrid	4	0.046 s	0.029 s	
ylabel	4	0.038 s	0.015 s	
Legend.doMethod>getsize	6	0.037 s	0.004 s	
hggetbehavior	2	0.032 s	0.001 s	
hggetbehavior>localGet	2	0.031 s	0.010 s	
...esLayoutManager.updateInnerOuterLists	6	0.030 s	0.014 s	
...anager>AxesLayoutManager.addToTree	2	0.029 s	0.005 s	

newplot	6	0.028 s	0.003 s	
Legend.doMethod>getsizeinfo	6	0.028 s	0.002 s	
...enuEntry>localCreatelineWidthEntry	2	0.026 s	0.001 s	
...ibeUIMenuEntry>localCreateNumEntry	2	0.025 s	0.016 s	
legend>getAutoChildren	2	0.025 s	0.001 s	
Legend.doMethod>getStringSizes	6	0.024 s	0.009 s	
newplot>ObserveAxesNextPlot	6	0.023 s	0.004 s	
ismember	12	0.023 s	0.004 s	
scribe/private/get_legendable_children	2	0.022 s	0.007 s	
updateFontProperties	6	0.020 s	0.009 s	
cla	4	0.020 s	0.008 s	
ismember>ismemberR2012a	12	0.020 s	0.010 s	
hgbehaviorfactory	2	0.019 s	0.001 s	
hgbehaviorfactory>localCreate	2	0.018 s	0.010 s	
findall	10	0.018 s	0.011 s	
...beUIMenuEntry>localCreateEnumEntry	6	0.018 s	0.016 s	
Legend.Legend>Legend.get.String	12	0.017 s	0.001 s	
Legend.Legend>Legend.get.String_l	12	0.016 s	0.001 s	
Legend.attachAxesListeners	2	0.015 s	0.007 s	
Legend.Legend>Legend.getStringImpl	12	0.015 s	0.008 s	
...r>AxesLayoutManager.ValidateObject	2	0.014 s	0.002 s	
...ubplotListenersManager.addToListeners	4	0.014 s	0.011 s	
...r.AxesLayoutManager>findTrueParent	2	0.013 s	0.003 s	
...t;AxesLayoutManager.AxesLayoutManager	2	0.013 s	0.008 s	
Legend.Legend>Legend.set.Location	2	0.012 s	0.001 s	
flipud	22	0.011 s	0.006 s	
legend>set_children_and_strings	2	0.011 s	0.004 s	
num2str	50	0.011 s	0.008 s	
...ry>localCreateTextInterpreterEntry	2	0.010 s	0.003 s	
...nager>AxesLayoutManager.findMethod	8	0.010 s	0.010 s	
ismember>ismemberClassTypes	12	0.010 s	0.010 s	

Legend.Legend>Legend.set.Location_l	2	0.010 s	0.002 s	
Legend.Legend>Legend.setLayoutPosition	6	0.009 s	0.001 s	
graphics/private/clo	4	0.009 s	0.009 s	
...tManager.removeInvalidLayoutListItems	6	0.009 s	0.002 s	
hold	4	0.009 s	0.007 s	
...er>SubplotListenersManager.disable	2	0.008 s	0.008 s	
Legend.Legend>Legend.set.Position_l	6	0.008 s	0.003 s	
scribe/private/expandLegendChildren	2	0.007 s	0.007 s	
Legend.Legend>Legend.setLocationImpl	2	0.007 s	0.002 s	
Legend.Legend>Legend.set.PlotChildren_l	2	0.007 s	0.002 s	
legend>process_inputs	2	0.007 s	0.007 s	
is2D	2	0.006 s	0.006 s	
scribe/private/islegendable	4	0.006 s	0.005 s	
...Legend>Legend.set.AxesListenerList	6	0.006 s	0.002 s	
Legend.setupBoxEdge	2	0.006 s	0.005 s	
...er>@(h,e)localReparentCB(h,e,hObj)	4	0.006 s	0.001 s	
flip	22	0.005 s	0.005 s	
close	1	0.005 s	0.004 s	
...ger>SubplotListenersManager.enable	2	0.005 s	0.005 s	
...Manager>AxesLayoutManager.set.Axes	2	0.005 s	0.001 s	
Legend.addToLayout	6	0.005 s	0.003 s	
...ager.addAxesListeners/localReparentCB	4	0.005 s	0.005 s	
hgbehaviorfactory>localGetBehaviorInfo	2	0.004 s	0.004 s	
Legend.Legend>Legend.get.PlotChildren	24	0.004 s	0.002 s	
...gt;AxesLayoutManager.addAxesListeners	2	0.004 s	0.004 s	
...Legend>Legend.set.SelfListenerList	2	0.004 s	0.001 s	
Legend.Legend>Legend.get.PlotChildren_l	26	0.004 s	0.002 s	
...>PlotEditBehavior.PlotEditBehavior	2	0.004 s	0.003 s	
Legend.Legend>Legend.set.BoxFace_l	2	0.004 s	0.003 s	
...d>Legend.set.DecorationContainer_l	2	0.004 s	0.003 s	
Legend.Legend>Legend.get.Units	6	0.004 s	0.001 s	

Legend.Legend>Legend.getPosition_I	12	0.004 s	0.001 s	
...>showHiddenHandlesToFindAllHandles	10	0.003 s	0.003 s	
int2str	50	0.003 s	0.003 s	
...egend>Legend.set.SelectionHandle_I	2	0.003 s	0.003 s	
Legend.Legend>Legend.setPlotChildrenImpl	2	0.003 s	0.002 s	
Legend.Legend>Legend.setPositionImpl	2	0.003 s	0.003 s	
Legend.Legend>Legend.set.BoxEdge_I	2	0.003 s	0.003 s	
graph2d/private/labelcheck	12	0.003 s	0.002 s	
Legend.Legend>Legend.setColorSpace_I	2	0.003 s	0.002 s	
Legend.Legend>Legend.set.Camera_I	2	0.003 s	0.002 s	
...Legend>Legend.set.EntryContainer_I	2	0.003 s	0.002 s	
subplot>datasiblings	4	0.003 s	0.003 s	
Legend.Legend>Legend.setDataSpace_I	2	0.003 s	0.002 s	
Legend.doPostSetup	2	0.003 s	0.001 s	
Legend.Legend>Legend.getPositionImpl	12	0.003 s	0.002 s	
Legend.Legend>Legend.setFontAngle_I	6	0.003 s	0.002 s	
Legend.Legend>Legend.get.Units_I	6	0.003 s	0.001 s	
Legend.Legend>Legend.getPlotChildrenImpl	26	0.002 s	0.002 s	
Legend.Legend>Legend.setFontWeight_I	6	0.002 s	0.002 s	
Legend.Legend>Legend.setFontName_I	6	0.002 s	0.002 s	
Legend.Legend>Legend.get.Axes	14	0.002 s	0.001 s	
graphics/private/ciaNotify	4	0.002 s	0.002 s	
...UIMenuEntry>localCreateActionEntry	4	0.002 s	0.002 s	
...eUIMenuEntry>localCreateColorEntry	4	0.002 s	0.002 s	
Legend.Legend>Legend.setColor_I	2	0.002 s	0.002 s	
Legend.Legend>Legend.setFontSize_I	6	0.002 s	0.002 s	
...Legend>Legend.get.AxesListenerList	12	0.002 s	0.002 s	
...utManager>AxesLayoutManager.is2Dim	6	0.002 s	0.002 s	
Legend.Legend>Legend.get.Axes_I	16	0.002 s	0.001 s	
linspace	1	0.002 s	0.002 s	
Legend.Legend>Legend.set.EdgeColor_I	2	0.002 s	0.002 s	

...ager>AxesLayoutManager.addToLayout	4	0.002 s	0.002 s	
onCleanup>onCleanup.delete	10	0.002 s	0.001 s	
Legend.Legend>Legend.getBackgroundColor	10	0.002 s	0.001 s	
Legend.Legend>Legend.get.Interpreter	12	0.002 s	0.001 s	
ishold	6	0.002 s	0.002 s	
...ponent>ListComponent.ListComponent	6	0.002 s	0.002 s	
graph2d/private/subplot_parseargs	4	0.002 s	0.002 s	
...gend>Legend.set.AxesListenerList_l	6	0.002 s	0.002 s	
Legend.Legend>Legend.set.version	2	0.002 s	0.002 s	
...otListenersManager>find3emptycells	2	0.002 s	0.002 s	
onCleanup>onCleanup.onCleanup	10	0.002 s	0.002 s	
hasbehavior	4	0.002 s	0.002 s	
Legend.Legend>Legend.set.TextColor_l	2	0.002 s	0.001 s	
Legend.Legend>Legend.get.Location	12	0.002 s	0.001 s	
...nd>Legend.set.SelfListenerListMode	2	0.002 s	0.001 s	
Legend.Legend>Legend.get.UnitsImpl	6	0.002 s	0.002 s	
...nd>Legend.set.AxesListenerListMode	6	0.002 s	0.001 s	
...e(['MATLAB:uistring:scribemenu:',x]))	14	0.002 s	0.002 s	
Legend.Legend>Legend.get.Color	12	0.002 s	0.001 s	
Legend.getPreferredLocation	6	0.002 s	0.001 s	
Legend.Legend>Legend.get.Orientation	12	0.002 s	0.001 s	
...beUIMenuEntry>localCreateFontEntry	2	0.002 s	0.002 s	
Legend.Legend>Legend.set.PositionCache	2	0.001 s	0.001 s	
Legend.Legend>Legend.set.LocationMode	2	0.001 s	0.001 s	
Legend.Legend>Legend.get.Location_l	14	0.001 s	0.001 s	
Legend.setParentImpl	2	0.001 s	0.001 s	
Legend.Legend>Legend.set.AxesMode	2	0.001 s	0.001 s	
Legend.Legend>Legend.get.Orientation_l	14	0.001 s	0.001 s	
...:@(o,e)subplotlayoutInvalid(ax,e,fig)	14	0.001 s	0.001 s	
newplot>ObserveFigureNextPlot	6	0.001 s	0.001 s	
axescheck	4	0.001 s	0.001 s	

...tenersManager.SubplotListenersManager	2	0.001 s	0.001 s	
...r>AxesLayoutManager.isValidParent	6	0.001 s	0.001 s	
...set(rootobj,'ShowHiddenHandles',Temp)	10	0.001 s	0.001 s	
Legend.Legend>Legend.getItemTokenSize	6	0.001 s	0.001 s	
Legend.Legend>Legend.set.Clim_l	2	0.001 s	0.001 s	
Legend.Legend>Legend.setPositionMode	2	0.001 s	0.001 s	
...gend>Legend.set.SelfListenerList_l	2	0.001 s	0.001 s	
...DeleteListenersManager.addToListeners	4	0.001 s	0.001 s	
...Legend>Legend.get.SelfListenerList	4	0.001 s	0.001 s	
Legend.Legend>Legend.get.EdgeColor	4	0.001 s	0.001 s	
hggetbehavior>localPeek	2	0.001 s	0.001 s	
...plotListenersManager>findemptycell	2	0.001 s	0.001 s	
...ehavior>PlotEditBehavior.dosupport	2	0.001 s	0.001 s	
legend>find_legend	2	0.001 s	0.001 s	
...sLayoutManager.syncLayoutInfoFromAxes	6	0.001 s	0.001 s	
...ayoutManager>addInstancePropToAxes	2	0.001 s	0.001 s	
...e(['MATLAB:uistring:scribemenu:',x]))	6	0.001 s	0.001 s	
...ayoutManager>setInstancePropOnAxes	2	0.001 s	0.001 s	
Legend.Legend>Legend.get.Camera	30	0.001 s	0.001 s	
Legend.removeAllEntries	2	0.001 s	0.001 s	
...teners>@(h,e)hObj.MarkDirty('all')	6	0.001 s	0.001 s	
Legend.Legend>Legend.get.BoxEdge	32	0.001 s	0.001 s	
Legend.Legend>Legend.get.EntryContainer	18	0.001 s	0.001 s	
...>@(obj,evd)(hObj.MarkDirty('all'))	6	0.001 s	0.001 s	
...d>Legend.get.DecorationContainer_l	12	0.001 s	0.001 s	
close>safegetchildren	1	0.001 s	0.001 s	
...gend>Legend.get.AxesListenerList_l	18	0.001 s	0.001 s	
...end>Legend.get.DecorationContainer	10	0.001 s	0.000 s	
Legend.Legend>Legend.get.BoxEdge_l	34	0.001 s	0.001 s	
Legend.Legend>Legend.get.Camera_l	32	0.001 s	0.001 s	
Legend.Legend>Legend.get.BoxFace	12	0.001 s	0.000 s	

...Manager.SubplotDeleteListenersManager	4	0.001 s	0.001 s	
Legend.Legend>Legend.get.ColorSpace	10	0.001 s	0.000 s	
Legend.Legend>Legend.get.SelectionHandle	6	0.001 s	0.000 s	
Legend.Legend>Legend.getAxesImpl	16	0.001 s	0.001 s	
HGBehavior>HGBehavior.HGBehavior	2	0.001 s	0.001 s	
...Legend>Legend.get.EntryContainer_I	20	0.001 s	0.001 s	
Legend.Legend>Legend.get.BoxFace_I	14	0.001 s	0.001 s	
...ate/labelcheck>local_validlabelobj	4	0.001 s	0.001 s	
Legend.Legend>Legend.get.DataSpace	8	0.001 s	0.000 s	
Legend.Legend>Legend.get.FontName_I	18	0.000 s	0.000 s	
Legend.Legend>Legend.get.Color_I	16	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontSize_I	18	0.000 s	0.000 s	
Legend.Legend>Legend.get.ColorSpace_I	12	0.000 s	0.000 s	
close>getEmptyHandleList	1	0.000 s	0.000 s	
...egend>Legend.get.SelectionHandle_I	8	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontAngle_I	18	0.000 s	0.000 s	
Legend.Legend>Legend.get.Interpreter_I	12	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontWeight_I	18	0.000 s	0.000 s	
Legend.Legend>Legend.get.DataSpace_I	10	0.000 s	0.000 s	
Legend.Legend>Legend.getLocationImpl	14	0.000 s	0.000 s	
legend>check_pv_args	2	0.000 s	0.000 s	
Legend.Legend>Legend.getOrientationImpl	14	0.000 s	0.000 s	
close>request_close	1	0.000 s	0.000 s	
Legend.doMethod>setButtonDownFcn	2	0.000 s	0.000 s	
...nd>Legend.get.SelfListenerListMode	2	0.000 s	0.000 s	
Legend.Legend>Legend.get.Box_I	6	0.000 s	0.000 s	
...gend>Legend.get.SelfListenerList_I	6	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontNameMode	6	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontAngleMode	6	0.000 s	0.000 s	
Legend.Legend>Legend.get.EdgeColor_I	6	0.000 s	0.000 s	
close>checkfigs	1	0.000 s	0.000 s	

Legend.Legend>Legend.get.ItemTokenSize_I	6	0.000 s	0.000 s	
...er>AxesLayoutManager.getParentImpl	13	0.000 s	0.000 s	
...nd>Legend.get.AxesListenerListMode	6	0.000 s	0.000 s	
Legend.Legend>Legend.get.PositionMode	4	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontWeightMode	6	0.000 s	0.000 s	
Legend.Legend>Legend.get.FontSizeMode	6	0.000 s	0.000 s	
Legend.Legend>Legend.get.PositionCache	2	0.000 s	0.000 s	
Legend.Legend>Legend.get.LineWidth_I	4	0.000 s	0.000 s	
Legend.Legend>Legend.get.version	4	0.000 s	0.000 s	
Legend.Legend>Legend.get.TextColor_I	4	0.000 s	0.000 s	
Legend.Legend>Legend.get.LocationMode	2	0.000 s	0.000 s	
Legend.Legend>Legend.get.AxesMode	2	0.000 s	0.000 s	
ctorHelper	2	0.000 s	0.000 s	
Legend.isStretchToFill	6	0.000 s	0.000 s	

Self time is the time spent in a function excluding the time spent in its child functions. Self time also includes overhead resulting from the process of profiling.