

Profile Summary

Generated 24-Oct-2015 19:47:19 using cpu time.

Function Name	Calls	Total Time	Self Time *	Total Time Plot (dark band = self time)
main_data_exchange_fixed_top	1	197.486 s	63.040 s	
sensorProb	299	130.595 s	130.548 s	
legendcolorbarlayout>doLayoutCB	1566	1.927 s	0.145 s	
legendcolorbarlayout>doLayout	1314	1.791 s	0.317 s	
colorbar	27	0.884 s	0.004 s	
colorbar>make_colorbar	27	0.880 s	0.000 s	
scribe.colorbar.colorbar	27	0.876 s	0.031 s	
scribe.colorbar.init	27	0.653 s	0.039 s	
xlabel	27	0.602 s	0.023 s	
scribe.colorbar.methods	480	0.508 s	0.016 s	
legendcolorbarlayout>getPixelBounds	1290	0.461 s	0.156 s	
...ph.contourgroup.schema>LdoDirtyAction	99	0.438 s	0.004 s	
specgraph.contourgroup.refresh	66	0.434 s	0.055 s	
legendcolorbarlayout	156	0.368 s	0.012 s	
contourf	33	0.360 s	0.035 s	
legendcolorbarlayout>validateTextObjects	1314	0.352 s	0.109 s	
scribe/private/updateLegendMenuToolbar	99	0.305 s	0.027 s	
legendcolorbarlayout>doInOutLayout	1290	0.301 s	0.164 s	
allchild	1521	0.293 s	0.145 s	
graphics/private/clo	70	0.270 s	0.059 s	
graph2dhelper	516	0.258 s	0.020 s	
clf	37	0.246 s	0.012 s	
findall	537	0.231 s	0.121 s	
legendcolorbarlayout>makeSpace	30	0.223 s	0.023 s	
contours	27	0.215 s	0.176 s	
opaque.double	13426	0.207 s	0.207 s	
legendcolorbarlayout>localValidateLists	1314	0.180 s	0.117 s	
scribe.colorbar.methods>set_contextmenu	27	0.168 s	0.031 s	

legendcolorbarlayout>doPixelBoundsCB	54	0.164 s	0.008 s	
newplot	357	0.164 s	0.016 s	
uigettext	198	0.164 s	0.063 s	
isprop	2088	0.164 s	0.094 s	
...ndcolorbarlayout>localGetXLabelHeight	1389	0.145 s	0.082 s	
newplot>ObserveAxesNextPlot	357	0.141 s	0.031 s	
is2D	5358	0.137 s	0.137 s	
legendcolorbarlayout>doParentResize	3	0.133 s	0.008 s	
scribe.colorbar.methods>deletecolorbars	24	0.117 s	0.000 s	
scribe.colorbar.methods>PeerAxesDeleted	48	0.113 s	0.000 s	
scribe.colorbar.init>colorbarDeleted	24	0.113 s	0.016 s	
cla	33	0.109 s	0.008 s	
onCleanup>onCleanup.onCleanup	2058	0.106 s	0.106 s	
scribe.colorbar.methods>setConfiguration	54	0.102 s	0.012 s	
legendcolorbarlayout>getListeners	1395	0.098 s	0.098 s	
...methods>PeerAxesChangedFontProperties	162	0.094 s	0.020 s	
shading	27	0.090 s	0.008 s	
hggetbehavior	135	0.086 s	0.012 s	
onCleanup>onCleanup.delete	2058	0.082 s	0.043 s	
lineseries	325	0.082 s	0.063 s	
...raph.contourgroup.refresh>LdrawFilled	27	0.078 s	0.074 s	
scribe.colorbar.methods>doUpdateImage	54	0.074 s	0.020 s	
hggetbehavior>localGet	135	0.074 s	0.008 s	
specgraph.contourgroup.setLegendInfo	120	0.070 s	0.016 s	
isprop>hasProp1	2088	0.070 s	0.070 s	
legendcolorbarlayout>localGetYLabelWidth	1290	0.070 s	0.039 s	
legendcolorbarlayout>localGetTitleHeight	1389	0.066 s	0.023 s	
specgraph.contourgroup.contourgroup	33	0.063 s	0.043 s	
scribe.colorbar.methods>updatefonts	162	0.063 s	0.027 s	
setdiff	103	0.063 s	0.016 s	
legendcolorbarlayout>topixels	1242	0.063 s	0.063 s	

getpixelposition	1290	0.063 s	0.063 s	
legendcolorbarlayout>toPoints	2580	0.059 s	0.059 s	
meshgrid	355	0.051 s	0.051 s	
...e.colorbar.methods>update_contextmenu	27	0.051 s	0.023 s	
scribe/private/createScribeUIMenuEntry	54	0.051 s	0.004 s	
axis	27	0.051 s	0.008 s	
setdiff>setdifflegacy	103	0.047 s	0.012 s	
...IIMenuEntry>localCreateCustomEnumEntry	27	0.047 s	0.012 s	
hgbehaviorfactory>localCreate	135	0.047 s	0.023 s	
hgbehaviorfactory	135	0.047 s	0.000 s	
legendinfo	27	0.043 s	0.020 s	
axis>LocSetTight1	27	0.043 s	0.008 s	
num2str	195	0.043 s	0.039 s	
axis>LocSetTight	27	0.043 s	0.000 s	
legendcolorbarlayout>createListeners	27	0.039 s	0.020 s	
scribe.colorbar.methods>find_colorbars	186	0.031 s	0.020 s	
legendcolorbarlayout>reclaimSpace	27	0.031 s	0.012 s	
xyzchk	54	0.027 s	0.020 s	
subplot	6	0.027 s	0.020 s	
contourf>parseargs	33	0.027 s	0.027 s	
...all>showHiddenHandlesToFindAllHandles	537	0.027 s	0.023 s	
uitools/private/allchildRootHelper	1521	0.027 s	0.027 s	
scribe.colorbar.init>changedLimits	162	0.023 s	0.016 s	
...set(rootobj,'ShowHiddenHandles',Temp)	537	0.023 s	0.023 s	
contours>rotatecorner	2989	0.023 s	0.023 s	
datestr	12	0.023 s	0.000 s	
timefun/private/dateformverify	12	0.023 s	0.008 s	
ismember	33	0.020 s	0.012 s	
unique	57	0.020 s	0.008 s	
hggetbehavior>localPeek	135	0.020 s	0.008 s	
...e(['MATLAB:uistring:scribemenu:.x'])	297	0.020 s	0.020 s	

legendcolorbarlayout>layoutColorbar	1290	0.020 s	0.008 s	
...ethods>initialize_colorbar_properties	27	0.016 s	0.008 s	
scribe.colorbar.methods>startlisteners	27	0.016 s	0.012 s	
...set(rootobj.'ShowHiddenHandles'.Temp)	1521	0.016 s	0.016 s	
...set(rootobj.'ShowHiddenHandles'.Temp)	1521	0.016 s	0.016 s	
...e.colorbar.methods>auto_adjust_colors	27	0.016 s	0.016 s	
legendinfo>parsestruct	54	0.016 s	0.016 s	
...ontourgroup.schema>LdoMarkDirtyAction	288	0.016 s	0.012 s	
view	33	0.016 s	0.008 s	
refresh	37	0.016 s	0.016 s	
hgbehaviorfactory>localGetBehaviorInfo	135	0.016 s	0.016 s	
timefun/private/formatdate	12	0.016 s	0.008 s	
hsv	27	0.012 s	0.004 s	
scribe.colorbar.init>changedPos	261	0.012 s	0.012 s	
legendcolorbarlayout>initInsetAppdata	27	0.012 s	0.008 s	
...dcolorbarlayout>preferredColorbarSize	1290	0.012 s	0.012 s	
...urgroup.setLegendInfo>makeEllipseData	81	0.012 s	0.008 s	
subplot>addAxesToGrid	6	0.008 s	0.004 s	
newplot>ObserveFigureNextPlot	357	0.008 s	0.008 s	
ismember>ismemberlegacy	33	0.008 s	0.008 s	
unique>uniquelegacy	24	0.008 s	0.008 s	
caxis	27	0.008 s	0.008 s	
scribe/private/getplotmanager	357	0.008 s	0.008 s	
scribe.legend.schema	1	0.008 s	0.008 s	
hsv2rgb	27	0.008 s	0.008 s	
objbounds	27	0.008 s	0.008 s	
scribe.colorbar.methods>iscolorbar	372	0.008 s	0.008 s	
legendcolorbarlayout>offsetsInUnits	54	0.008 s	0.008 s	
legendcolorbarlayout>rmListeners	24	0.008 s	0.008 s	
specgraph.contourgroup.schema	1	0.008 s	0.008 s	
legend	27	0.008 s	0.008 s	

now	12	0.008 s	0.004 s	
timefun/private/cnv2icudf	12	0.008 s	0.008 s	
close	1	0.004 s	0.004 s	
subplot>createListeners	6	0.004 s	0.004 s	
...tourgroup.schema>LdoUpdateColorAction	159	0.004 s	0.000 s	
legendcolorbarlayout>localChangePosition	33	0.004 s	0.004 s	
usev6plotapi	33	0.004 s	0.004 s	
axescheck	66	0.004 s	0.004 s	
...set(rootobj,'ShowHiddenHandles',Temp)	537	0.004 s	0.004 s	
unique>uniqueR2012a	33	0.004 s	0.004 s	
colormap	54	0.004 s	0.004 s	
int2str	195	0.004 s	0.004 s	
plotdoneevent	33	0.004 s	0.000 s	
gray	27	0.004 s	0.004 s	
...e.colorbar.schema>localGetOrientation	108	0.004 s	0.004 s	
legendcolorbarlayout>initProperties	27	0.004 s	0.004 s	
fliplr	161	0.004 s	0.004 s	
...ndcolorbarlayout>location to xy index	99	0.004 s	0.004 s	
scribe.colorbar.schema>localSetLocation	54	0.004 s	0.004 s	
specgraph.schema	1	0.004 s	0.004 s	
linspace	81	0.004 s	0.004 s	
specgraph.contourgroup.setContourMatrix	282	0.004 s	0.004 s	
xyzchk>isvector	162	0.004 s	0.004 s	
...ntourgroup.schema>LdoModeSwitchAction	198	0.004 s	0.004 s	
view>isAxesHandle	33	0.004 s	0.004 s	
view>ViewCore	33	0.004 s	0.004 s	
grid	33	0.004 s	0.004 s	
title	6	0.004 s	0.004 s	
graphics/private/clearscribe	37	0.004 s	0.004 s	
sensorSim	60	0.004 s	0.004 s	
colorbar>find_colorbar	27	0.004 s	0.000 s	

colorbar>iscolorbar	27	0.004 s	0.004 s	
graphics.panbehavior.schema	1	0.004 s	0.004 s	
graphics.ploteditbehavior.schema	1	0.004 s	0.004 s	
graph2d/private/lineseriesmex (MEX-file)	325	0.004 s	0.004 s	
datenum	12	0.004 s	0.004 s	
close>getEmptyHandleList	1	0 s	0.000 s	
close>safegetchildren	1	0 s	0.000 s	
close>checkfigs	1	0 s	0.000 s	
close>request_close	1	0 s	0.000 s	
datamanager.schema	1	0 s	0.000 s	
...olorbar.methods>get_current_data_axes	27	0 s	0.000 s	
datachildren	33	0 s	0.000 s	
scribe.colorbar.init>changedVisibility	27	0 s	0.000 s	
...e.colorbar.methods>FigureChangedColor	48	0 s	0.000 s	
hold	33	0 s	0.000 s	
parseparams	33	0 s	0.000 s	
specgraph/private/datachk	33	0 s	0.000 s	
specgraph/private/checkpvpairs	27	0 s	0.000 s	
graphics/private/clo>find_kids	70	0 s	0.000 s	
scribe.colorbar.methods>getfunhan	54	0 s	0.000 s	
colormap>getColorMapContainer	27	0 s	0.000 s	
...@ (x) (['scribe:colorbar:colormap:'.x])	27	0 s	0.000 s	
...@ (x) (['scribe:colorbar:colormap:'.x])	135	0 s	0.000 s	
...ibeUIMenuEntry>localCreateActionEntry	27	0 s	0.000 s	
flipud	27	0 s	0.000 s	
cool	27	0 s	0.000 s	
hot	27	0 s	0.000 s	
jet	27	0 s	0.000 s	
scribe.colorbar.getprivateprop	108	0 s	0.000 s	
axis>allAxes	27	0 s	0.000 s	
objbounds>allAxes	27	0 s	0.000 s	

objbounds>localGetImageBounds	27	0 s	0.000 s	
objbounds>localComputeImageEdges	54	0 s	0.000 s	
...layout>create@(obj.evd)(doLayout(ax))	27	0 s	0.000 s	
legendcolorbarlayout>requestSpace	30	0 s	0.000 s	
scribe.colorbar.init>changedOrientationI	27	0 s	0.000 s	
scribe.colorbar.setprivateprop	81	0 s	0.000 s	
...be.colorbar.init>changedYAxisLocation	27	0 s	0.000 s	
scribe.colorbar.methods>PeerAxesCleared	24	0 s	0.000 s	
ishold	33	0 s	0.000 s	
specgraph.contourgroup.schema>Lappend	35	0 s	0.000 s	
scribe.schema	1	0 s	0.000 s	
scribe.legendinfo.schema	1	0 s	0.000 s	
...te@(h.valProposed)handle(valProposed)	1	0 s	0.000 s	
scribe.legendinfo.legendinfo	27	0 s	0.000 s	
...a>@(h.valProposed)handle(valProposed)	27	0 s	0.000 s	
scribe.legendinfochild.schema	1	0 s	0.000 s	
scribe.legendinfochild.legendinfochild	108	0 s	0.000 s	
legendinfo>check_xydata	108	0 s	0.000 s	
legend>find_legend	27	0 s	0.000 s	
...rgroup.schema>LdoUpdateChildrenAction	33	0 s	0.000 s	
hgfeval	33	0 s	0.000 s	
graph2d/private/labelcheck	33	0 s	0.000 s	
colorbar>ishg2peer	27	0 s	0.000 s	
scribe.colorbar.schema	1	0 s	0.000 s	
graphics.schema	1	0 s	0.000 s	
graphics.zoombehavior.schema	1	0 s	0.000 s	
graphics.rotate3dbehavior.schema	1	0 s	0.000 s	
graphics.datacursorbehavior.schema	1	0 s	0.000 s	
...loteditbehavior.schema>doEnableAction	27	0 s	0.000 s	
graphics.panbehavior.dosupport	27	0 s	0.000 s	
graphics.zoombehavior.dosupport	27	0 s	0.000 s	

graphics.rotate3dbehavior.dosupport	27	0 s	0.000 s	
graphics.datacursorbehavior.dosupport	27	0 s	0.000 s	
graphics.ploteditbehavior.dosupport	27	0 s	0.000 s	
graph2d.schema	1	0 s	0.000 s	
datestr>getdateform	12	0 s	0.000 s	
calAngle	54	0 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.