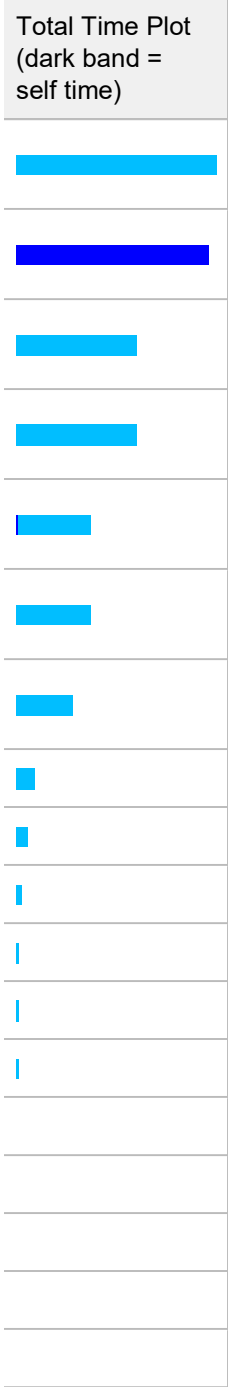


# Profile Summary

Generated 12-Feb-2017 06:31:07 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>
<a href="#">GlycerolEthanolOptknock_iaf1260</a>	1	999.669 s	0.090 s
<a href="#">gurobi</a> (MEX-file)	19300	957.753 s	957.753 s
<a href="#">OptKnock</a>	1	601.358 s	0.015 s
<a href="#">solveCobraMILP</a>	1	601.206 s	0.018 s
<a href="#">solveCobraLP</a>	19299	373.359 s	10.015 s
<a href="#">pFBA</a>	1	368.943 s	0.055 s
<a href="#">fluxVariability</a>	4	283.669 s	2.733 s
<a href="#">optimizeCbModel</a>	3541	94.933 s	0.840 s
<a href="#">singleRxnDeletion</a>	1	59.327 s	0.099 s
<a href="#">singleGeneDeletion</a>	1	25.677 s	0.086 s
<a href="#">multiProductionEnvelope</a>	1	13.489 s	0.034 s
<a href="#">readCbModel</a>	1	12.331 s	0.002 s
<a href="#">readSBML</a>	1	12.298 s	2.733 s
<a href="#">readSBML&gt;readSBMLCbModel</a>	1	4.221 s	2.337 s
<a href="#">deleteModelGenes</a>	1261	3.864 s	2.912 s
<a href="#">getCobraSolverParams</a>	26377	3.536 s	3.536 s
<a href="#">parseSBMLNotesField</a>	2382	3.483 s	2.571 s
<a href="#">productionEnvelope</a>	1	2.781 s	0.011 s



<a href="#">rmfield</a>	35051	2.639 s	2.203 s
<a href="#">cell.ismember</a>	4741	2.099 s	1.190 s
<a href="#">TranslateSBML</a> (MEX-file)	1	1.884 s	1.693 s
<a href="#">cell.unique</a>	8711	1.192 s	0.261 s
<a href="#">changeRxnBounds</a>	3385	1.094 s	0.142 s
<a href="#">findRxnIDs</a>	3661	1.046 s	0.391 s
<a href="#">cell.unique&gt;celluniqueR2012a</a>	8711	0.932 s	0.932 s
<a href="#">parseBoolean</a>	2382	0.912 s	0.566 s
<a href="#">plottools</a>	1	0.864 s	0.152 s
<a href="#">deal</a>	96505	0.787 s	0.787 s
<a href="#">verifyCobraProblem</a>	3541	0.727 s	0.483 s
<a href="#">waitbar</a>	343	0.594 s	0.318 s
<a href="#">etime</a>	22841	0.556 s	0.556 s
<a href="#">findTransRxns</a>	1	0.547 s	0.064 s
<a href="#">cellstr</a>	36315	0.455 s	0.455 s
<a href="#">parseMetNames</a>	1669	0.361 s	0.139 s
<a href="#">num2str</a>	11376	0.355 s	0.107 s
<a href="#">ismember</a>	5039	0.351 s	0.048 s
<a href="#">plottoolfunc</a>	18	0.329 s	0.010 s
<a href="#">ismember&gt;ismemberR2012a</a>	5039	0.302 s	0.127 s
<a href="#">plottoolfunc&gt;getClientFigureMap</a>	1	0.267 s	0.255 s
<a href="#">readSBML&gt;cleanUpFormatting</a>	5718	0.264 s	0.264 s
<a href="#">int2str</a>	11376	0.248 s	0.248 s
<a href="#">legend</a>	2	0.221 s	0.004 s
<a href="#">strtok</a>	9109	0.189 s	0.060 s
<a href="#">CheckAndConvert</a>	2382	0.187 s	0.101 s
<a href="#">parseSBMLAnnotationField</a>	1668	0.182 s	0.182 s



<a href="#">getplottool</a>	3	0.180 s	0.003 s
<a href="#">uitools\private\uiwaitbar</a>	343	0.176 s	0.051 s
<a href="#">getplottool&gt;createOrGetSelectionManager</a>	3	0.170 s	0.029 s
<a href="#">legend&gt;make_legend</a>	1	0.169 s	0.003 s
<a href="#">ismember&gt;ismemberBuiltinTypes</a>	5026	0.166 s	0.166 s
<a href="#">waitbar&gt;updateWaitbar</a>	341	0.155 s	0.014 s
<a href="#">cell.strcat</a>	1263	0.152 s	0.134 s
<a href="#">strtok&gt;doStrtok</a>	9109	0.129 s	0.129 s
<a href="#">setupplotbrowser</a>	1	0.127 s	0.001 s
<a href="#">graph2dhelper</a>	21	0.118 s	0.009 s
<a href="#">findCarbonRxns</a>	1	0.115 s	0.024 s
<a href="#">pFBA&gt;minimizeModelFlux_local</a>	1	0.114 s	0.002 s
<a href="#">setupplotbrowser&gt;repopulatePlotBrowser</a>	1	0.112 s	0.007 s
<a href="#">selectobject</a>	1	0.112 s	0.024 s
<a href="#">uimode.modeControl</a>	2	0.109 s	0.001 s
<a href="#">uimode.uimode&gt;uimode.set.Enable</a>	2	0.108 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.Legend</a>	1	0.108 s	0.010 s
<a href="#">testOptKnockSol</a>	1	0.104 s	0.003 s
<a href="#">javax.swing.JProgressBar</a> (Java method)	359	0.101 s	0.101 s
<a href="#">changeObjective</a>	272	0.100 s	0.013 s
<a href="#">hgfeval</a>	2	0.098 s	0.002 s
<a href="#">plottedit</a>	5	0.096 s	0.007 s
<a href="#">getplottool&gt;localEnablePlotEdit</a>	1	0.095 s	0.000 s
<a href="#">showplottool</a>	3	0.094 s	0.009 s
<a href="#">convertTolrreversible</a>	2	0.091 s	0.087 s
<a href="#">enableplottoolbuttons</a>	5	0.090 s	0.005 s
<a href="#">uigettool</a>	39	0.086 s	0.040 s



<a href="#">findall</a>	66	0.083 s	0.062 s
<a href="#">Legend.doSetup</a>	1	0.082 s	0.003 s
<a href="#">waitbar&gt;createWaitbar</a>	2	0.081 s	0.045 s
<a href="#">CheckAndConvert&gt;SortLogicals</a>	2382	0.077 s	0.025 s
<a href="#">plottedit&gt;localGetMode</a>	6	0.069 s	0.004 s
<a href="#">close</a>	2	0.067 s	0.004 s
<a href="#">Legend.doMethod</a>	2	0.064 s	0.002 s
<a href="#">close&gt;request_close</a>	2	0.062 s	0.004 s
<a href="#">Legend.doMethod&gt;set_contextmenu</a>	1	0.062 s	0.016 s
<a href="#">...Manager&gt;AxesLayoutManager.doUpdate</a>	6	0.059 s	0.035 s
<a href="#">gra...te\plotSelectMode&gt;localStartFcn</a>	1	0.059 s	0.001 s
<a href="#">...toolbar&gt;localSetToolBarButtons</a>	4	0.059 s	0.004 s
<a href="#">setupplotbrowser&gt;refreshAxes</a>	1	0.053 s	0.018 s
<a href="#">closereq</a>	2	0.046 s	0.036 s
<a href="#">str2num</a>	1491	0.044 s	0.017 s
<a href="#">setConstraintsIrrrevModel</a>	1	0.042 s	0.041 s
<a href="#">allchild</a>	49	0.042 s	0.019 s
<a href="#">plotbrowser</a>	1	0.041 s	0.000 s
<a href="#">legend&gt;delete_legend</a>	1	0.041 s	0.002 s
<a href="#">scribe\private\updateLegendMenuToolBar</a>	2	0.040 s	0.017 s
<a href="#">Legend.doSetup&gt;@(h.e)hObj.doDelete</a>	1	0.038 s	0.000 s
<a href="#">createBilevelMILPproblem</a>	1	0.038 s	0.035 s
<a href="#">plottoolfunc&gt;enablePlotToolButton</a>	9	0.038 s	0.002 s
<a href="#">Legend.doDelete</a>	1	0.038 s	0.001 s
<a href="#">columnVector</a>	7227	0.038 s	0.038 s
<a href="#">plottedit&gt;localModeStartFcn</a>	1	0.038 s	0.002 s
<a href="#">CheckAndConvert&gt;CheckLogical</a>	7146	0.036 s	0.036 s





<a href="#">uimode</a>	4	0.034 s	0.004 s
<a href="#">Legend.Legend&gt;Legend.set.Axes</a>	1	0.032 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.set.Axes_I</a>	1	0.032 s	0.001 s
<a href="#">checkCobraModelUnique</a>	1	0.030 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.setAxesImpl</a>	1	0.030 s	0.001 s
<a href="#">ylabel</a>	2	0.030 s	0.008 s
<a href="#">figurepalette</a>	1	0.030 s	0.000 s
<a href="#">countUnique</a>	2	0.030 s	0.026 s
<a href="#">scribe\private\createScribeUIMenuEntry</a>	10	0.030 s	0.007 s
<a href="#">...e\plotSelectMode&gt;localFigureSelect</a>	2	0.029 s	0.004 s
<a href="#">setupplotbrowser&gt;localCache</a>	1	0.027 s	0.011 s
<a href="#">str2num&gt;protected_conversion</a>	1491	0.027 s	0.027 s
<a href="#">gra...private\createMCOSSelectionHandles</a>	2	0.025 s	0.000 s
<a href="#">...&gt;SelectionHandles.SelectionHandles</a>	2	0.025 s	0.010 s
<a href="#">javacomponent</a>	2	0.025 s	0.002 s
<a href="#">newplot</a>	3	0.024 s	0.011 s
<a href="#">addReaction</a>	1	0.024 s	0.011 s
<a href="#">legendcolorbarlayout</a>	1	0.024 s	0.000 s
<a href="#">propertyeditor</a>	1	0.023 s	0.000 s
<a href="#">createMenuPeers</a>	4	0.023 s	0.023 s
<a href="#">uigetmodemanager</a>	19	0.023 s	0.010 s
<a href="#">uitools\private\javacomponentdoc_helper</a>	2	0.023 s	0.004 s
<a href="#">...browser&gt;updatePropertiesForObjects</a>	1	0.022 s	0.006 s
<a href="#">awtinvoke</a>	5	0.022 s	0.008 s
<a href="#">waitbar&gt;extractHandles</a>	341	0.022 s	0.022 s
<a href="#">scribe\private\get_legendable_children</a>	3	0.020 s	0.003 s
<a href="#">plottedit&gt;update_edit_menu</a>	2	0.020 s	0.006 s



<a href="#">xlabel</a>	2	0.020 s	0.009 s
<a href="#">ispref</a>	7	0.020 s	0.002 s
<a href="#">uimode.createuimode</a>	4	0.019 s	0.013 s
<a href="#">removeRxns</a>	2	0.019 s	0.004 s
<a href="#">usejava</a>	351	0.018 s	0.018 s
<a href="#">getuimode</a>	6	0.018 s	0.001 s
<a href="#">findGenesFromRxns</a>	2	0.018 s	0.014 s
<a href="#">uitools\private\prefutils</a>	28	0.018 s	0.004 s
<a href="#">setupplotbrowser&gt;localGetPropVals</a>	24	0.017 s	0.015 s
<a href="#">legend&gt;set_children_and_strings</a>	1	0.017 s	0.001 s
<a href="#">setdiff</a>	3	0.017 s	0.002 s
<a href="#">setupplotbrowser&gt;addSceneViewerListeners</a>	2	0.016 s	0.003 s
<a href="#">CheckAndConvert&gt;LoseWhiteSpace</a>	2382	0.016 s	0.016 s
<a href="#">legend&gt;getLegendableChildren</a>	1	0.016 s	0.000 s
<a href="#">graph2d\private\plotSelectMode</a>	1	0.016 s	0.005 s
<a href="#">setdiff&gt;setdiffR2012a</a>	3	0.015 s	0.004 s
<a href="#">scribe\private\getDefaultCamera</a>	2	0.015 s	0.004 s
<a href="#">...anager&gt;AxesLayoutManager.addToTree</a>	1	0.014 s	0.001 s
<a href="#">scribe\private\findAllScribeLayers</a>	1	0.014 s	0.001 s
<a href="#">allchild&gt;getchildren</a>	49	0.014 s	0.011 s
<a href="#">cell.setdiff</a>	4	0.014 s	0.002 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	125	0.014 s	0.003 s
<a href="#">...t:ScribeStackManager.getDefaultCamera</a>	4	0.013 s	0.001 s
<a href="#">close&gt;request_close_helper</a>	4	0.013 s	0.006 s
<a href="#">javaAddLsnrsToFigure</a>	1	0.013 s	0.002 s
<a href="#">...esLayoutManager.updateInnerOuterLists</a>	6	0.013 s	0.004 s
<a href="#">hggetbehavior</a>	6	0.013 s	0.002 s



<a href="#">...nHandles&gt;SelectionHandles.doUpdate</a>	1	0.013 s	0.002 s
<a href="#">setupplotbrowser&gt;localGetAxesChildren</a>	2	0.013 s	0.005 s
<a href="#">...anager&gt;uimodemanager.uimodemanager</a>	1	0.013 s	0.005 s
<a href="#">...anager&gt;ScribeStackManager.getLayer</a>	4	0.012 s	0.002 s
<a href="#">repmat</a>	40	0.012 s	0.012 s
<a href="#">cell.setdiff&gt;cellsetdiffR2012a</a>	4	0.012 s	0.007 s
<a href="#">unique</a>	4	0.012 s	0.005 s
<a href="#">gra...vate\plotSelectMode&gt;setSelected</a>	1	0.011 s	0.000 s
<a href="#">uitools\private\prefutils&gt;loadPrefs</a>	7	0.011 s	0.010 s
<a href="#">setListenerState</a>	22	0.011 s	0.007 s
<a href="#">axis</a>	3	0.011 s	0.005 s
<a href="#">...vd)(localFigureSelect(obj.evd.hMode))</a>	1	0.011 s	0.000 s
<a href="#">printRxnFormula</a>	1	0.010 s	0.010 s
<a href="#">...beUIMenuEntry&gt;localCreateEnumEntry</a>	3	0.010 s	0.009 s
<a href="#">CheckAndConvert&gt;IsItLogBase</a>	2382	0.010 s	0.010 s
<a href="#">hggetbehavior&gt;localGet</a>	2	0.010 s	0.004 s
<a href="#">removeMetabolites</a>	2	0.010 s	0.003 s
<a href="#">...tManager.removeInvalidLayoutListItems</a>	6	0.010 s	0.002 s
<a href="#">activateuimode</a>	1	0.010 s	0.001 s
<a href="#">...nager&gt;AxesLayoutManager.getManager</a>	1	0.009 s	0.001 s
<a href="#">...@(o.e)deleteComponent(o.e.hcomponent)</a>	2	0.009 s	0.000 s
<a href="#">...&gt;showHiddenHandlesToFindAllHandles</a>	66	0.009 s	0.009 s
<a href="#">...ntdoc_helper&gt;applyArgumentsAndShow</a>	2	0.009 s	0.007 s
<a href="#">...e\doRetargetSelectionManagerListeners</a>	4	0.009 s	0.007 s
<a href="#">graph2d\private\scribeCreateMode</a>	1	0.009 s	0.001 s
<a href="#">plottools\private\javaGetFigureFrame</a>	21	0.009 s	0.009 s
<a href="#">ismember&gt;ismemberClassTypes</a>	13	0.009 s	0.009 s



<a href="#">...electionHandles.getSelectionMarkerPos</a>	1	0.009 s	0.005 s
<a href="#">...omponentdoc_helper&gt;deleteComponent</a>	2	0.009 s	0.004 s
<a href="#">...les&gt;SelectionHandles.setParentImpl</a>	2	0.008 s	0.004 s
<a href="#">...ger.AxesLayoutManager&gt;convertUnits</a>	54	0.008 s	0.008 s
<a href="#">uitools\private\parseJavaArgs</a>	5	0.008 s	0.003 s
<a href="#">newplot&gt;ObserveAxesNextPlot</a>	3	0.008 s	0.003 s
<a href="#">...enuEntry&gt;localCreateLineWidthEntry</a>	1	0.008 s	0.000 s
<a href="#">...ger&gt;ScribeStackManager.createLayer</a>	1	0.008 s	0.003 s
<a href="#">...ibeUIMenuEntry&gt;localCreateNumEntry</a>	1	0.008 s	0.007 s
<a href="#">hold</a>	3	0.008 s	0.005 s
<a href="#">...ager&gt;uimodemanager.set.CurrentMode</a>	1	0.008 s	0.000 s
<a href="#">uimodemanager.uimodemanager&gt;localSetMode</a>	1	0.007 s	0.001 s
<a href="#">uimode.registerMode</a>	3	0.007 s	0.002 s
<a href="#">...localPlotFunctionDone(obj.evd.hMode))</a>	2	0.007 s	0.000 s
<a href="#">...browser&gt;removeSceneViewerListeners</a>	1	0.007 s	0.002 s
<a href="#">unique&gt;uniqueR2012a</a>	4	0.007 s	0.007 s
<a href="#">...otSelectMode&gt;localPlotFunctionDone</a>	2	0.006 s	0.004 s
<a href="#">createListener</a>	27	0.006 s	0.006 s
<a href="#">...&gt;AxesLayoutManager.insertAboveAxes</a>	1	0.006 s	0.003 s
<a href="#">Legend.attachAxesListeners</a>	1	0.006 s	0.002 s
<a href="#">UnsupportedInUifigure</a>	4	0.006 s	0.003 s
<a href="#">cell.intersect</a>	1	0.006 s	0.002 s
<a href="#">...per('updateLegendMenuToolbar'.h.e.[])</a>	1	0.006 s	0.001 s
<a href="#">...tbrowser&gt;updatePropertiesForObject</a>	1	0.006 s	0.002 s
<a href="#">scribe\private\expandLegendChildren</a>	3	0.006 s	0.006 s
<a href="#">uimode.modeControl&gt;localStartMode</a>	2	0.006 s	0.004 s
<a href="#">uitools\private\parseJavaSignature</a>	5	0.006 s	0.006 s





<a href="#">readSBML&gt;columnVector</a>	15	0.006 s	0.006 s
<a href="#">cla</a>	2	0.005 s	0.001 s
<a href="#">...browser&gt;localGetAllGraphicChildren</a>	1	0.005 s	0.002 s
<a href="#">graph2d\private\scribePinMode</a>	1	0.005 s	0.001 s
<a href="#">uimode.uimode&gt;uimode.set.ParentMode</a>	3	0.005 s	0.000 s
<a href="#">...set(rootobj,'ShowHiddenHandles',Temp)</a>	66	0.005 s	0.005 s
<a href="#">flipud</a>	7	0.005 s	0.002 s
<a href="#">uit...ate\parseJavaArgs&gt;convertToJava</a>	10	0.005 s	0.005 s
<a href="#">uimode.uimode&gt;localReparentMode</a>	3	0.005 s	0.002 s
<a href="#">...r&gt;AxesLayoutManager.ValidateObject</a>	1	0.005 s	0.001 s
<a href="#">uimode.activateuimode</a>	1	0.005 s	0.001 s
<a href="#">...ry&gt;localCreateTextInterpreterEntry</a>	1	0.005 s	0.001 s
<a href="#">hgbehaviorfactory</a>	2	0.005 s	0.000 s
<a href="#">findExcRxns</a>	3	0.005 s	0.005 s
<a href="#">hgbehaviorfactory&gt;localCreate</a>	2	0.005 s	0.003 s
<a href="#">uitools\private\removeJavaCallbacks</a>	2	0.004 s	0.004 s
<a href="#">validatestring</a>	3	0.004 s	0.001 s
<a href="#">...ponentdoc_helper&gt;enableAutoCleanup</a>	2	0.004 s	0.002 s
<a href="#">legend&gt;process_inputs</a>	1	0.004 s	0.004 s
<a href="#">...nPane&gt;AnnotationPane.getParentImpl</a>	74	0.004 s	0.004 s
<a href="#">isactiveuimode</a>	3	0.004 s	0.002 s
<a href="#">...set(rootobj,'ShowHiddenHandles',Temp)</a>	49	0.004 s	0.004 s
<a href="#">cell.intersect&gt;cellintersectR2012a</a>	1	0.004 s	0.003 s
<a href="#">scribe\private\islegendable</a>	6	0.004 s	0.003 s
<a href="#">convertIrrevFluxDistribution</a>	1	0.004 s	0.004 s
<a href="#">...cribeLayer&gt;ScribeLayer.ScribeLayer</a>	2	0.004 s	0.001 s
<a href="#">graphics\private\clo</a>	2	0.004 s	0.004 s



<a href="#">gobjects</a>	6	0.004 s	0.004 s
<a href="#">...nager&gt;AxesLayoutManager.findMethod</a>	4	0.004 s	0.004 s
<a href="#">isoctave</a>	1	0.004 s	0.004 s
<a href="#">is2D</a>	1	0.003 s	0.000 s
<a href="#">scribe\private\findScribeLayer</a>	1	0.003 s	0.000 s
<a href="#">flip</a>	7	0.003 s	0.003 s
<a href="#">...ostUpdate(es.ed.selectionManager.fig)</a>	2	0.003 s	0.000 s
<a href="#">is2D&gt;testOneAxes</a>	1	0.003 s	0.003 s
<a href="#">...c_helper&gt;parseAndValidateArguments</a>	2	0.003 s	0.001 s
<a href="#">axis&gt;LocSetTight</a>	3	0.003 s	0.003 s
<a href="#">markFigure</a>	6	0.003 s	0.003 s
<a href="#">...nPane&gt;AnnotationPane.doGetChildren</a>	12	0.003 s	0.003 s
<a href="#">...ionHandles.setDefaultMarkerProperties</a>	2	0.003 s	0.002 s
<a href="#">...&gt;getInterestPropertyNamesForObject</a>	2	0.003 s	0.003 s
<a href="#">...onManagerListeners&gt;localPostUpdate</a>	2	0.003 s	0.003 s
<a href="#">scribe\private\getplotmanager</a>	3	0.003 s	0.002 s
<a href="#">Legend.setupBoxEdge</a>	1	0.003 s	0.003 s
<a href="#">enableplottoolbuttons&gt;isCompVisible</a>	12	0.003 s	0.002 s
<a href="#">getselectobjects</a>	1	0.003 s	0.001 s
<a href="#">selMatrix</a>	3	0.003 s	0.003 s
<a href="#">...vacomponentdoc_helper&gt;savelistener</a>	2	0.003 s	0.003 s
<a href="#">javaAddLsnrsToFigure&gt;selectionLsnr</a>	1	0.003 s	0.002 s
<a href="#">...Legend&gt;Legend.set.AxesListenerList</a>	3	0.003 s	0.001 s
<a href="#">uimode.getuimode</a>	8	0.003 s	0.003 s
<a href="#">uitools\private\allchildRootHelper</a>	49	0.003 s	0.003 s
<a href="#">validatestring&gt;checkString</a>	3	0.003 s	0.003 s
<a href="#">graph2d\private\addContainerListeners</a>	1	0.003 s	0.001 s



<a href="#">...otbrowser&gt;localGetUniqueClassNames</a>	1	0.002 s	0.001 s
<a href="#">...ectMode&gt;localAddSelectionListeners</a>	1	0.002 s	0.001 s
<a href="#">num2cell</a>	11	0.002 s	0.002 s
<a href="#">uimode.modeControl&gt;localPrepareFigure</a>	2	0.002 s	0.002 s
<a href="#">...dles&gt;SelectionHandles.set.Position</a>	1	0.002 s	0.001 s
<a href="#">...UIMenuEntry&gt;localCreateActionEntry</a>	3	0.002 s	0.002 s
<a href="#">plottoolfunc&gt;getFigureClientProxy</a>	1	0.002 s	0.001 s
<a href="#">...rowser&gt;localCombineCellArrayColumns</a>	4	0.002 s	0.002 s
<a href="#">getpixelposition</a>	1	0.002 s	0.001 s
<a href="#">...er&gt;@(h,e)localReparentCB(h,e,hObj)</a>	1	0.002 s	0.000 s
<a href="#">UnsupportedInUifigure&gt;isWebFigure</a>	4	0.002 s	0.002 s
<a href="#">...ddenHandles'.oldUDDShowHiddenHandles)</a>	2	0.002 s	0.002 s
<a href="#">...tdoc_helper&gt;validateSwingComponent</a>	2	0.002 s	0.002 s
<a href="#">com.mathworks.page.plottool.PlotBrowser (Java method)</a>	9	0.002 s	0.001 s
<a href="#">now</a>	1	0.002 s	0.000 s
<a href="#">axescheck</a>	3	0.002 s	0.002 s
<a href="#">uitools\private\prefutils&gt;getPrefFile</a>	7	0.002 s	0.001 s
<a href="#">opaque.strcmp</a>	4	0.002 s	0.001 s
<a href="#">...Pane&gt;AnnotationPane.AnnotationPane</a>	1	0.002 s	0.000 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	125	0.002 s	0.002 s
<a href="#">...utManager&gt;AxesLayoutManager.is2Dim</a>	6	0.002 s	0.002 s
<a href="#">...ager.addAxesListeners/localReparentCB</a>	1	0.002 s	0.002 s
<a href="#">...empty(get(h.'PlotSelectionListener'))</a>	8	0.002 s	0.002 s
<a href="#">hggetbehavior&gt;localPeek</a>	6	0.002 s	0.002 s
<a href="#">...nager&gt;ScribeStackManager.findLayer</a>	9	0.002 s	0.002 s
<a href="#">...r&gt;AxesLayoutManager.set.LayoutList</a>	7	0.002 s	0.002 s



<a href="#">...dles&gt;SelectionHandles.convertUnits</a>	8	0.002 s	0.002 s
<a href="#">...ager&gt;AxesLayoutManager.addToLayout</a>	1	0.002 s	0.001 s
<a href="#">uimodemanager.getMode</a>	8	0.002 s	0.002 s
<a href="#">desktop</a>	1	0.002 s	0.001 s
<a href="#">opaque.char</a>	10	0.002 s	0.002 s
<a href="#">hasuimode</a>	1	0.002 s	0.000 s
<a href="#">Legend.doMethod&gt;@(h.e)delete(uic)</a>	1	0.002 s	0.002 s
<a href="#">datenum</a>	1	0.002 s	0.002 s
<a href="#">ishold</a>	3	0.002 s	0.002 s
<a href="#">Legend.Legend&gt;Legend.get.Axes_1</a>	4	0.002 s	0.001 s
<a href="#">...ibeLayer&gt;ScribeLayer.checkValidity</a>	3	0.001 s	0.001 s
<a href="#">uimodemanager.unregisterMode</a>	3	0.001 s	0.001 s
<a href="#">...Legend&gt;Legend.get.AxesListenerList</a>	6	0.001 s	0.001 s
<a href="#">graph2d\private\labelcheck</a>	4	0.001 s	0.001 s
<a href="#">linspace</a>	2	0.001 s	0.001 s
<a href="#">...otationPane&gt;AnnotationPane.doSetup</a>	1	0.001 s	0.001 s
<a href="#">hgbehaviorfactory&gt;localGetBehaviorInfo</a>	2	0.001 s	0.001 s
<a href="#">...browser&gt;getNearestKnownParentClass</a>	4	0.001 s	0.001 s
<a href="#">legend&gt;find_legend</a>	2	0.001 s	0.001 s
<a href="#">...er&gt;customizeSwingHandleForPainting</a>	2	0.001 s	0.001 s
<a href="#">selectobject&gt;setSelected</a>	1	0.001 s	0.001 s
<a href="#">changeGeneAssociation</a>	1	0.001 s	0.001 s
<a href="#">Legend.doGetChildren</a>	8	0.001 s	0.001 s
<a href="#">...t;AxesLayoutManager.AxesLayoutManager</a>	1	0.001 s	0.000 s
<a href="#">...ndles&gt;SelectionHandles.set.Markers</a>	2	0.001 s	0.001 s
<a href="#">uit...vate\prefutils&gt;getFieldOptional</a>	7	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.get.Axes</a>	3	0.001 s	0.001 s





<a href="#">Legend.Legend&gt;Legend.set.ColorSpace_I</a>	1	0.001 s	0.001 s
<a href="#">...egend&gt;Legend.set.SelectionHandle_I</a>	1	0.001 s	0.001 s
<a href="#">uitools\private\getPixelPositionHelper</a>	1	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.set.BoxEdge_I</a>	1	0.001 s	0.001 s
<a href="#">@opaque\private\fromOpaque</a>	8	0.001 s	0.001 s
<a href="#">...Legend&gt;Legend.set.TitleSeparator_I</a>	1	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.set.BoxFace_I</a>	1	0.001 s	0.001 s
<a href="#">...Manager&gt;AxesLayoutManager.set.Axes</a>	1	0.001 s	0.000 s
<a href="#">plottools\private\getLegendableImages</a>	2	0.001 s	0.001 s
<a href="#">...ode&gt;uimode.set.WindowButtonDownFcn</a>	3	0.001 s	0.001 s
<a href="#">...Legend&gt;Legend.set.EntryContainer_I</a>	1	0.001 s	0.001 s
<a href="#">...nd&gt;Legend.set.AxesListenerListMode</a>	3	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.set.DataSpace_I</a>	1	0.001 s	0.001 s
<a href="#">...uToolbar&gt;isValidLegendHandleObject</a>	2	0.001 s	0.001 s
<a href="#">plo...ivate\doEnablePlotBrowserListeners</a>	1	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.set.Camera_I</a>	1	0.001 s	0.001 s
<a href="#">javaGetHandles</a>	2	0.001 s	0.001 s
<a href="#">newplot&gt;ObserveFigureNextPlot</a>	3	0.001 s	0.001 s
<a href="#">uimode.uimode&gt;uimode.set.UseContextMenu</a>	1	0.001 s	0.000 s
<a href="#">PlotManager&gt;PlotManager.getInstance</a>	3	0.001 s	0.001 s
<a href="#">...Handles&gt;SelectionHandles.set.Lines</a>	2	0.001 s	0.001 s
<a href="#">...eUIMenuEntry&gt;localCreateColorEntry</a>	2	0.001 s	0.001 s
<a href="#">hasbehavior</a>	6	0.001 s	0.001 s
<a href="#">...tationPane&gt;AnnotationPane.addChild</a>	3	0.001 s	0.001 s
<a href="#">setupplotbrowser&gt;localGetFlatValue</a>	2	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.get.EdgeColor</a>	4	0.001 s	0.001 s
<a href="#">...gt;AxesLayoutManager.addAxesListeners</a>	1	0.001 s	0.001 s



<a href="#">...d&gt;Legend.set.DecorationContainer_I</a>	1	0.001 s	0.001 s
<a href="#">com.mathworks.mde.desk.MLDesktop</a> (Java method)	34	0.001 s	0.001 s
<a href="#">...uimodemanager&gt;localScribeclearmode</a>	1	0.001 s	0.000 s
<a href="#">...er&gt;AxesLayoutManager.getParentImpl</a>	111	0.001 s	0.001 s
<a href="#">...r&gt;localGetAutoValueMarkerFaceColor</a>	2	0.001 s	0.001 s
<a href="#">close&gt;getEmptyHandleList</a>	2	0.001 s	0.001 s
<a href="#">graphics\private\claNotify</a>	2	0.001 s	0.001 s
<a href="#">Legend.setParentImpl</a>	1	0.001 s	0.001 s
<a href="#">...es&gt;SelectionHandles.set.TrueParent</a>	2	0.001 s	0.001 s
<a href="#">...allbacks&gt;isJavaHandleWithCallbacks</a>	2	0.001 s	0.001 s
<a href="#">validatestring&gt;checkInputs</a>	3	0.001 s	0.001 s
<a href="#">...doAddFigureSelectionManagerListeners</a>	1	0.001 s	0.001 s
<a href="#">...doMethod&gt;@(x)getString(message(x))</a>	7	0.001 s	0.001 s
<a href="#">...Legend&gt;Legend.get.SelfListenerList</a>	2	0.001 s	0.000 s
<a href="#">...beUIMenuEntry&gt;localCreateFontEntry</a>	1	0.001 s	0.001 s
<a href="#">...sLayoutManager.syncLayoutInfoFromAxes</a>	6	0.001 s	0.001 s
<a href="#">close&gt;checkfigs</a>	6	0.001 s	0.001 s
<a href="#">...e(['MATLAB:uistring:scribemenu:'x]))</a>	3	0.001 s	0.001 s
<a href="#">gcbf</a>	4	0.001 s	0.001 s
<a href="#">...:SelectionHandles.setMarkerProperties</a>	2	0.001 s	0.001 s
<a href="#">plottedit&gt;isValidActionForOutput</a>	2	0.001 s	0.001 s
<a href="#">...les&gt;SelectionHandles.isUIContainer</a>	4	0.001 s	0.001 s
<a href="#">...otbrowser&gt;createPostUpdateListener</a>	3	0.001 s	0.001 s
<a href="#">...dles&gt;SelectionHandles.get.Position</a>	1	0.001 s	0.001 s
<a href="#">refresh</a>	1	0.001 s	0.001 s
<a href="#">...ContainerListeners&gt;localChildAdded</a>	1	0.001 s	0.001 s



<a href="#">...Legend&gt;Legend.set.SelfListenerList</a>	1	0.001 s	0.000 s
<a href="#">uimode.hasuimode</a>	3	0.001 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.set.EdgeColor_l</a>	1	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.get.BoxEdge</a>	16	0.001 s	0.000 s
<a href="#">legend&gt;istextscalar</a>	6	0.001 s	0.001 s
<a href="#">...ndles&gt;SelectionHandles.get.Markers</a>	12	0.001 s	0.001 s
<a href="#">...oolbar&gt;isValidColorBarHandleObject</a>	2	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.get.SelectionHandle</a>	3	0.001 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.EntryContainer</a>	3	0.001 s	0.000 s
<a href="#">scribe\private\isplottyaxes</a>	4	0.001 s	0.001 s
<a href="#">Legend.Legend&gt;Legend.get.TitleSeparator</a>	14	0.001 s	0.000 s
<a href="#">com.mathworks.hg.peer.HG2FigurePeer</a> (Java method)	33	0.001 s	0.001 s
<a href="#">...end&gt;Legend.get.DecorationContainer</a>	6	0.001 s	0.000 s
<a href="#">...&gt;@(obj,evd)(hObj.MarkDirty('all'))</a>	5	0.001 s	0.001 s
<a href="#">waitbar&gt;@().set(0.'Units'.oldRootUnits)</a>	2	0.001 s	0.001 s
<a href="#">addadatdlg</a>	1	0.001 s	0.001 s
<a href="#">java.lang.Class</a> (Java method)	92	0.001 s	0.001 s
<a href="#">scribeclearmode</a>	1	0.001 s	0.001 s
<a href="#">...futils&gt;checkAndConvertToCellVector</a>	7	0.001 s	0.001 s
<a href="#">readCbModel&gt;checkReversibility</a>	1	0.001 s	0.001 s
<a href="#">uimode.setCallbackFcn</a>	5	0.001 s	0.001 s
<a href="#">uimode.uimode&gt;uimode.set.IsOneShot</a>	2	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.Camera</a>	5	0.000 s	0.000 s
<a href="#">filesep</a>	7	0.000 s	0.000 s
<a href="#">setupplotbrowser&gt;localGetAllPropNames</a>	4	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.ColorSpace</a>	5	0.000 s	0.000 s



<a href="#">...gend&gt;Legend.get.AxesListenerList_I</a>	9	0.000 s	0.000 s
<a href="#">...d&gt;Legend.get.DecorationContainer_I</a>	7	0.000 s	0.000 s
<a href="#">selectobject&gt;@(x)~isprop(x,'Selected')</a>	1	0.000 s	0.000 s
<a href="#">repmat&gt;@(x)double(full(x))</a>	22	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.BoxFace</a>	5	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.getAxesImpl</a>	4	0.000 s	0.000 s
<a href="#">...componentdoc_helper&gt;validateParent</a>	2	0.000 s	0.000 s
<a href="#">...nager&gt;ScribeStackManager.hasLayers</a>	1	0.000 s	0.000 s
<a href="#">...fo&gt;MenuToolbarInfo.MenuToolbarInfo</a>	1	0.000 s	0.000 s
<a href="#">...Legend&gt;Legend.get.TitleSeparator_I</a>	15	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.Camera_I</a>	6	0.000 s	0.000 s
<a href="#">selectobject&gt;localCanPaste</a>	1	0.000 s	0.000 s
<a href="#">...es&gt;SelectionHandles.get.TrueParent</a>	14	0.000 s	0.000 s
<a href="#">uimode.uimode&gt;readOnlyWhileRunning</a>	3	0.000 s	0.000 s
<a href="#">Legend.removeAllEntries</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.BoxEdge_I</a>	17	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.ColorSpace_I</a>	6	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.Position_I</a>	1	0.000 s	0.000 s
<a href="#">axis&gt;allAxes</a>	3	0.000 s	0.000 s
<a href="#">...Handles&gt;SelectionHandles.get.Lines</a>	4	0.000 s	0.000 s
<a href="#">...egend&gt;Legend.get.SelectionHandle_I</a>	4	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.DataSpace</a>	4	0.000 s	0.000 s
<a href="#">...gend&gt;Legend.get.SelfListenerList_I</a>	3	0.000 s	0.000 s
<a href="#">...entdoc_helper&gt;getHGOwnerForCleanup</a>	2	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.BoxFace_I</a>	6	0.000 s	0.000 s
<a href="#">UnsupportedInUifigure&gt;@().warning(w)</a>	4	0.000 s	0.000 s
<a href="#">uit...vate\prefutils&gt;truncToMaxLength</a>	7	0.000 s	0.000 s





<a href="#">...Legend&gt;Legend.get.EntryContainer_I</a>	4	0.000 s	0.000 s
<a href="#">scribe\private\hgcheck</a>	1	0.000 s	0.000 s
<a href="#">...ntdoc_helper&gt;@(o,e)delete(hgProxy)</a>	2	0.000 s	0.000 s
<a href="#">...nPane&gt;AnnotationPane.setParentImpl</a>	1	0.000 s	0.000 s
<a href="#">...figure&gt;@()lastwarn(lastmsg.lastid)</a>	4	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.DataSpace_I</a>	5	0.000 s	0.000 s
<a href="#">selectobject&gt;localFixSelectedObjs</a>	1	0.000 s	0.000 s
<a href="#">fliplr</a>	6	0.000 s	0.000 s
<a href="#">...lotSelectionMode&gt;localFixSelectedObjs</a>	1	0.000 s	0.000 s
<a href="#">getselectobjects&gt;localFixSelectedObjs</a>	1	0.000 s	0.000 s
<a href="#">...ayoutManager&gt;setInstancePropOnAxes</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.getGraphicsAxes</a>	2	0.000 s	0.000 s
<a href="#">...mponentdoc_helper&gt;validatePosition</a>	2	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.getPositionImpl</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.set.CLim_I</a>	1	0.000 s	0.000 s
<a href="#">javachk</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.EdgeColor_I</a>	5	0.000 s	0.000 s
<a href="#">...ndles&gt;SelectionHandles.isUIControl</a>	2	0.000 s	0.000 s
<a href="#">...mponentdoc_helper&gt;addJavaCallbacks</a>	2	0.000 s	0.000 s
<a href="#">...nd&gt;Legend.set.SelfListenerListMode</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.Box_I</a>	5	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.LineWidth_I</a>	4	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.set.AxesMode</a>	1	0.000 s	0.000 s
<a href="#">...t:ScribeStackManager.reparentChildren</a>	1	0.000 s	0.000 s
<a href="#">...nd&gt;Legend.get.AxesListenerListMode</a>	3	0.000 s	0.000 s
<a href="#">...gend&gt;Legend.set.AxesListenerList_I</a>	3	0.000 s	0.000 s
<a href="#">...ayoutManager&gt;addInstancePropToAxes</a>	1	0.000 s	0.000 s



<a href="#">...imode&gt;uimode.set.WindowButtonUpFcn</a>	1	0.000 s	0.000 s
<a href="#">spalloc</a>	2	0.000 s	0.000 s
<a href="#">uimode.uimode&gt;uimode.uimode</a>	4	0.000 s	0.000 s
<a href="#">...imode&gt;uimode.set.WindowKeyPressFcn</a>	1	0.000 s	0.000 s
<a href="#">...e&gt;uimode.set.WindowButtonMotionFcn</a>	1	0.000 s	0.000 s
<a href="#">selectobject&gt;localCanMove</a>	1	0.000 s	0.000 s
<a href="#">...ehavior&gt;PlotEditBehavior.dosupport</a>	1	0.000 s	0.000 s
<a href="#">java.util.HashMap</a> (Java method)	3	0.000 s	0.000 s
<a href="#">uitools\private\prefutils&gt;checkGroup</a>	7	0.000 s	0.000 s
<a href="#">Legend.doPostSetup</a>	1	0.000 s	0.000 s
<a href="#">...hworks.page.plottool.SelectionManager</a> (Java method)	6	0.000 s	0.000 s
<a href="#">...plottool.plotbrowser.PlotBrowserEntry</a> (Java method)	2	0.000 s	0.000 s
<a href="#">...mode&gt;uimode.set.UIControlInterrupt</a>	1	0.000 s	0.000 s
<a href="#">uimode.uimode&gt;setMotionFcn</a>	1	0.000 s	0.000 s
<a href="#">PrintBehavior&gt;PrintBehavior.dosupport</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.Color</a>	1	0.000 s	0.000 s
<a href="#">selectobject&gt;localCanCutCopy</a>	1	0.000 s	0.000 s
<a href="#">Legend.doMethod&gt;setButtonDownFcn</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.Color__l</a>	2	0.000 s	0.000 s
<a href="#">uimodemanager.registerMode</a>	1	0.000 s	0.000 s
<a href="#">selectobject&gt;localCanDelete</a>	1	0.000 s	0.000 s
<a href="#">...&gt;PlotEditBehavior.PlotEditBehavior</a>	1	0.000 s	0.000 s
<a href="#">...havior&gt;PrintBehavior.PrintBehavior</a>	1	0.000 s	0.000 s
<a href="#">...ger&gt;ScribeStackManager.getInstance</a>	1	0.000 s	0.000 s
<a href="#">ScribeEvent&gt;ScribeEvent.ScribeEvent</a>	1	0.000 s	0.000 s



<a href="#">...hworks.hg.peer.FigureClientProxyPanel</a> (Java method)	3	0.000 s	0.000 s
<a href="#">...lectMode&gt;@(x)~isprop(x.'Selected')</a>	1	0.000 s	0.000 s
<a href="#">legend&gt;check_pv_args</a>	1	0.000 s	0.000 s
<a href="#">java.lang.reflect.Method</a> (Java method)	5	0.000 s	0.000 s
<a href="#">ctorHelper</a>	1	0.000 s	0.000 s
<a href="#">...inerFactory\$FigurePanelContainerLight</a> (Java method)	3	0.000 s	0.000 s
<a href="#">java.util.Vector</a> (Java method)	4	0.000 s	0.000 s
<a href="#">...gend&gt;Legend.set.SelfListenerList_I</a>	1	0.000 s	0.000 s
<a href="#">java.lang.String</a> (Java method)	5	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.TextColor_I</a>	1	0.000 s	0.000 s
<a href="#">HGBehavior&gt;HGBehavior.HGBehavior</a>	2	0.000 s	0.000 s
<a href="#">...nd&gt;Legend.get.SelfListenerListMode</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.set.version</a>	1	0.000 s	0.000 s
<a href="#">Legend.Legend&gt;Legend.get.AxesMode</a>	1	0.000 s	0.000 s

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


tions. Self