

## Profile Summary

Generated 29-Nov-2007 14:38:24 using cpu time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>	Total Time Plot (dark band = self time)
<a href="#">V0_7</a>	1	3.577 s	0.154 s	
<a href="#">Delace_Hydrophone_Data</a>	1	2.886 s	0.123 s	
<a href="#">Find_Best_Combination</a>	12	2.748 s	0.092 s	
<a href="#">lsqnonlin</a>	178	2.057 s	0.061 s	
<a href="#">optim\private\lsqncommon</a>	178	1.996 s	0.061 s	
<a href="#">optim\private\snls</a>	178	1.781 s	0.507 s	
<a href="#">optim\private\trdog</a>	469	0.706 s	0.261 s	
<a href="#">optimset</a>	190	0.583 s	0.138 s	
<a href="#">legend</a>	1	0.399 s	0.015 s	
<a href="#">legend&gt;make_legend</a>	1	0.384 s	0.015 s	
<a href="#">scribe.legend.legend</a>	1	0.322 s	0.092 s	
<a href="#">optimget</a>	4450	0.276 s	0.200 s	
<a href="#">cell.strmatch</a>	890	0.246 s	0.015 s	
<a href="#">optim\private\trust</a>	938	0.246 s	0.107 s	
<a href="#">optimset&gt;checkfield</a>	890	0.200 s	0.154 s	
<a href="#">sfdnls</a>	647	0.200 s	0.092 s	
<a href="#">scribe.legend.init</a>	1	0.184 s	0.046 s	
<a href="#">strmatch</a>	890	0.154 s	0.154 s	
<a href="#">optim\private\pcgr</a>	469	0.154 s	0.092 s	
<a href="#">optim\private\trust&gt;rfzero</a>	102	0.138 s	0.077 s	
<a href="#">colamd</a>	178	0.107 s	0.000 s	
<a href="#">legendcolorbarlayout&gt;doLayout</a>	8	0.092 s	0.000 s	
<a href="#">graph2dhelper</a>	16	0.092 s	0.031 s	
<a href="#">scribe.legend.methods</a>	21	0.092 s	0.000 s	
<a href="#">iscellstr</a>	1780	0.077 s	0.077 s	
<a href="#">optimget&gt;optimgetfast</a>	3560	0.077 s	0.077 s	
<a href="#">...,temp_z(2),temp_z(3),SoS,TDOA2,TDOA3)</a>	1941	0.077 s	0.031 s	
<a href="#">sparfun\private\colamd_mex (MEX-function)</a>	178	0.077 s	0.015 s	
<a href="#">spparms</a>	356	0.077 s	0.077 s	
<a href="#">xlabel</a>	2	0.061 s	0.015 s	

<a href="#">legendcolorbarlayout&gt;doInOutLayout</a>	8	0.061 s	0.000 s	
<a href="#">legendcolorbarlayout</a>	3	0.061 s	0.015 s	
<a href="#">optim\private\pcgr&gt;preproj</a>	938	0.061 s	0.061 s	
<a href="#">optim\private\trust&gt;seceqn</a>	676	0.061 s	0.061 s	
<a href="#">addpath</a>	1	0.046 s	0.015 s	
<a href="#">legendcolorbarlayout&gt;doLayoutCB</a>	7	0.046 s	0.000 s	
<a href="#">scribe.legend.methods&gt;set_contextmenu</a>	1	0.046 s	0.000 s	
<a href="#">optim\private\lsqfcnchk</a>	178	0.046 s	0.031 s	
<a href="#">Multilateration_Three_Hydrophones</a>	1941	0.046 s	0.046 s	
<a href="#">path</a>	1	0.031 s	0.015 s	
<a href="#">hold</a>	1	0.031 s	0.000 s	
<a href="#">gcf</a>	7	0.031 s	0.031 s	
<a href="#">gca</a>	7	0.031 s	0.000 s	
<a href="#">scribe\private\get_legendable_children</a>	1	0.031 s	0.000 s	
<a href="#">isprop</a>	26	0.031 s	0.031 s	
<a href="#">hggetbehavior&gt;localGet</a>	5	0.031 s	0.000 s	
<a href="#">hgbehaviorfactory&gt;localCreate</a>	5	0.031 s	0.015 s	
<a href="#">hgbehaviorfactory</a>	5	0.031 s	0.000 s	
<a href="#">hggetbehavior</a>	5	0.031 s	0.000 s	
<a href="#">legendcolorbarlayout&gt;getPixelBounds</a>	8	0.031 s	0.000 s	
<a href="#">legendcolorbarlayout&gt;layoutLegend</a>	8	0.031 s	0.031 s	
<a href="#">optioptioncheckfield</a>	356	0.031 s	0.015 s	
<a href="#">aprecon</a>	469	0.031 s	0.031 s	
<a href="#">etree (MEX-function)</a>	178	0.031 s	0.015 s	
<a href="#">color</a>	178	0.031 s	0.031 s	
<a href="#">repmat</a>	647	0.031 s	0.031 s	
<a href="#">optim\private\atamult</a>	2054	0.031 s	0.031 s	
<a href="#">optim\private\definev</a>	647	0.031 s	0.031 s	
<a href="#">general\private\parsedirs</a>	2	0.015 s	0.015 s	
<a href="#">legend&gt;process_inputs</a>	1	0.015 s	0.015 s	
<a href="#">...ndcolorbarlayout&gt;localGetXLabelHeight</a>	8	0.015 s	0.015 s	
<a href="#">legendcolorbarlayout&gt;localGetTitleHeight</a>	9	0.015 s	0.000 s	
<a href="#">is2D</a>	34	0.015 s	0.015 s	

<a href="#">...nd.methods&gt;create_plotchild_listeners</a>	1	0.015 s	0.000 s	
<a href="#">scribe\private\islegendable</a>	4	0.015 s	0.015 s	
<a href="#">scribe\private\createScribeUIMenuEntry</a>	9	0.015 s	0.000 s	
<a href="#">...cribeUIMenuEntry&gt;localCreateEnumEntry</a>	3	0.015 s	0.015 s	
<a href="#">uigettool</a>	2	0.015 s	0.015 s	
<a href="#">scribe\private\updateLegendMenuToolBar</a>	1	0.015 s	0.000 s	
<a href="#">scribe.legend.methods&gt;getsizeinfo</a>	9	0.015 s	0.000 s	
<a href="#">scribe.legend.methods&gt;strsize</a>	36	0.015 s	0.015 s	
<a href="#">...be.legend.methods&gt;create_legend_items</a>	1	0.015 s	0.015 s	
<a href="#">hgbehaviorfactory&gt;localGetBehaviorInfo</a>	5	0.015 s	0.015 s	
<a href="#">scribe.legend.methods&gt;getsize</a>	9	0.015 s	0.000 s	
<a href="#">legendcolorbarlayout&gt;topixels</a>	8	0.015 s	0.015 s	
<a href="#">sortrows</a>	1	0.015 s	0.015 s	
<a href="#">optimoptioncheckfield&gt;nonNegReal</a>	356	0.015 s	0.015 s	
<a href="#">optimset&gt;nonNegInteger</a>	178	0.015 s	0.015 s	
<a href="#">Generate_Possible_Combinations</a>	12	0.015 s	0.015 s	
<a href="#">fcnchk</a>	178	0.015 s	0.015 s	
<a href="#">spones</a>	825	0.015 s	0.015 s	
<a href="#">close</a>	1	0 s	0.000 s	
<a href="#">close&gt;safefetchildren</a>	1	0 s	0.000 s	
<a href="#">close&gt;checkfigs</a>	1	0 s	0.000 s	
<a href="#">close&gt;request_close</a>	1	0 s	0.000 s	
<a href="#">general\private\catdirs</a>	1	0 s	0.000 s	
<a href="#">pathsep</a>	3	0 s	0.000 s	
<a href="#">filesep</a>	2	0 s	0.000 s	
<a href="#">axescheck</a>	3	0 s	0.000 s	
<a href="#">initprintexporttemplate</a>	1	0 s	0.000 s	
<a href="#">newplot</a>	4	0 s	0.000 s	
<a href="#">newplot&gt;ObserveFigureNextPlot</a>	4	0 s	0.000 s	
<a href="#">newplot&gt;ObserveAxesNextPlot</a>	4	0 s	0.000 s	
<a href="#">legend&gt;find_legend</a>	1	0 s	0.000 s	
<a href="#">legendcolorbarlayout&gt;localGetYLabelWidth</a>	8	0 s	0.000 s	
<a href="#">legend&gt;check_legend_strings</a>	1	0 s	0.000 s	

<a href="#">scribe\private\expandLegendChildren</a>	1	0 s	0.000 s
<a href="#">scribe\private\islegendable&gt;isallInan</a>	4	0 s	0.000 s
<a href="#">hasbehavior</a>	8	0 s	0.000 s
<a href="#">flipud</a>	1	0 s	0.000 s
<a href="#">...ibeUIMenuEntry&gt;localCreateActionEntry</a>	2	0 s	0.000 s
<a href="#">...ribeUIMenuEntry&gt;localCreateColorEntry</a>	2	0 s	0.000 s
<a href="#">...UIMenuEntry&gt;localCreateLineWidthEntry</a>	1	0 s	0.000 s
<a href="#">...ScribeUIMenuEntry&gt;localCreateNumEntry</a>	1	0 s	0.000 s
<a href="#">...cribeUIMenuEntry&gt;localCreateFontEntry</a>	1	0 s	0.000 s
<a href="#">...Entry&gt;localCreateTextInterpreterEntry</a>	1	0 s	0.000 s
<a href="#">legendcolorbarlayout&gt;createListeners</a>	1	0 s	0.000 s
<a href="#">legendcolorbarlayout&gt;validateTextObjects</a>	8	0 s	0.000 s
<a href="#">allchild</a>	11	0 s	0.000 s
<a href="#">findall</a>	6	0 s	0.000 s
<a href="#">legendcolorbarlayout&gt;localValidateLists</a>	8	0 s	0.000 s
<a href="#">scribe.legend.init&gt;computePos</a>	10	0 s	0.000 s
<a href="#">scribe.legend.init&gt;changedPos</a>	2	0 s	0.000 s
<a href="#">scribe.legend.methods&gt;update_userdata</a>	1	0 s	0.000 s
<a href="#">opaque.double</a>	166	0 s	0.000 s
<a href="#">scribe.legend.schema&gt;edgeColorSetter</a>	1	0 s	0.000 s
<a href="#">hggetbehavior&gt;localPeek</a>	5	0 s	0.000 s
<a href="#">...loteditbehavior.schema&gt;doEnableAction</a>	1	0 s	0.000 s
<a href="#">graphics.panbehavior.dosupport</a>	1	0 s	0.000 s
<a href="#">graphics.zoombehavior.dosupport</a>	1	0 s	0.000 s
<a href="#">graphics.rotate3dbehavior.dosupport</a>	1	0 s	0.000 s
<a href="#">graphics.datacursorbehavior.dosupport</a>	1	0 s	0.000 s
<a href="#">graphics.ploteditbehavior.dosupport</a>	1	0 s	0.000 s
<a href="#">ishghandle</a>	1	0 s	0.000 s
<a href="#">scribe.legend.methods&gt;getfunhan</a>	6	0 s	0.000 s
<a href="#">scribe.legend.methods&gt;localGetTokenItem</a>	8	0 s	0.000 s
<a href="#">...nd.methods&gt;enable_plotchild_listeners</a>	1	0 s	0.000 s
<a href="#">scribe.legend.methods&gt;getnpos</a>	1	0 s	0.000 s
<a href="#">legendcolorbarlayout&gt;getListeners</a>	10	0 s	0.000 s

<a href="#">legendcolorbarlayout&gt;initProperties</a>	1	0 s	0.000 s	
<a href="#">...layout&gt;create@(obj, evd)(doLayout(ax))</a>	1	0 s	0.000 s	
<a href="#">fliplr</a>	1	0 s	0.000 s	
<a href="#">legendcolorbarlayout&gt;toPoints</a>	16	0 s	0.000 s	
<a href="#">...ndcolorbarlayout&gt;location_to_xy_index</a>	9	0 s	0.000 s	
<a href="#">getpixelposition</a>	8	0 s	0.000 s	
<a href="#">scribe.legend.init&gt;setWidthHeight</a>	1	0 s	0.000 s	
<a href="#">sortrows&gt;sort_back_to_front</a>	1	0 s	0.000 s	
<a href="#">Check_Arrival_Order</a>	680	0 s	0.000 s	
<a href="#">optimoptiongetfields</a>	1080	0 s	0.000 s	
<a href="#">optimset&gt;nonNegReal</a>	178	0 s	0.000 s	
<a href="#">optimset&gt;displayType</a>	178	0 s	0.000 s	
<a href="#">...,temp_z(2),temp_z(3),SoS,TDOA2,TDOA3)</a>	178	0 s	0.000 s	
<a href="#">double.superiorfloat</a>	178	0 s	0.000 s	
<a href="#">checkbounds</a>	178	0 s	0.000 s	
<a href="#">speye</a>	647	0 s	0.000 s	
<a href="#">optim\private\perturb</a>	469	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.