







## Profile Summary

Generated 23-Sep-2015 19:17:37 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="#">Project_1_Task_2</a>	1	460.505 s	201.913 s	
<a href="#">shortest_paths</a>	29163	224.440 s	159.696 s	
<a href="#">matlab_bgl\private\matlab_bgl_sp_mex</a> (MEX-file)	29163	61.924 s	61.924 s	
<a href="#">corr</a>	7	30.375 s	0.017 s	
<a href="#">corr&gt;corrPearson</a>	7	30.325 s	30.325 s	
<a href="#">xlswrite</a>	1	2.661 s	0.038 s	
<a href="#">actxserver</a>	1	1.776 s	1.776 s	
<a href="#">mat...bgl\private\get_matlab_bgl_options</a>	29163	1.383 s	0.505 s	
<a href="#">matlab_bgl\private\check_matlab_bgl</a>	29163	1.008 s	1.008 s	
<a href="#">set_matlab_bgl_default</a>	29163	0.878 s	0.878 s	
<a href="#">xlswrite&gt;ExecuteWrite</a>	1	0.806 s	0.448 s	
<a href="#">histogram</a>	1	0.449 s	0.015 s	
<a href="#">matlab_bgl\private\merge_options</a>	29163	0.429 s	0.429 s	
<a href="#">iofun\private\openExcelWorkbook</a>	1	0.287 s	0.266 s	
<a href="#">addpath</a>	1	0.220 s	0.007 s	
<a href="#">path</a>	1	0.210 s	0.186 s	
<a href="#">newplot</a>	3	0.156 s	0.128 s	
<a href="#">Histogram.Histogram&gt;Histogram.Histogram</a>	1	0.147 s	0.063 s	
<a href="#">num2str</a>	1407	0.128 s	0.064 s	
<a href="#">clearvars</a>	7	0.102 s	0.048 s	
<a href="#">fullfile</a>	470	0.094 s	0.043 s	

<a href="#">int2str</a>	1406	0.062 s	0.062 s	
<a href="#">xlswrite&gt;@()xlsCleanup(Excel,file)</a>	1	0.062 s	0.001 s	
<a href="#">onCleanup&gt;onCleanup.delete</a>	1	0.062 s	0.000 s	
<a href="#">iofun\private\xlsCleanup</a>	1	0.061 s	0.059 s	
<a href="#">histcounts</a>	1	0.059 s	0.034 s	
<a href="#">num2cell</a>	1	0.055 s	0.055 s	
<a href="#">parula</a>	1	0.049 s	0.003 s	
<a href="#">clearvars&gt;createPattern</a>	7	0.047 s	0.012 s	
<a href="#">rmfield</a>	4	0.046 s	0.043 s	
<a href="#">interp1</a>	1	0.044 s	0.041 s	
<a href="#">hggetbehavior</a>	2	0.042 s	0.002 s	
<a href="#">fullfile&gt;refinePath</a>	470	0.041 s	0.015 s	
<a href="#">hggetbehavior&gt;localGet</a>	2	0.040 s	0.003 s	
<a href="#">histogram&gt;binspec2cell</a>	1	0.037 s	0.003 s	
<a href="#">strjoin</a>	7	0.035 s	0.006 s	
<a href="#">parseArgs</a>	7	0.033 s	0.003 s	
<a href="#">axescheck</a>	1	0.033 s	0.033 s	
<a href="#">hgbehaviorfactory&gt;localCreate</a>	2	0.031 s	0.005 s	
<a href="#">hgbehaviorfactory</a>	2	0.031 s	0.000 s	
<a href="#">parseArgs</a>	7	0.030 s	0.013 s	
<a href="#">strfun\private\strescape</a>	7	0.029 s	0.028 s	
<a href="#">newplot&gt;ObserveAxesNextPlot</a>	3	0.027 s	0.004 s	
<a href="#">fullfile&gt;replaceMultipleFileSeps</a>	468	0.026 s	0.026 s	
<a href="#">general\private\parsedirs</a>	2	0.024 s	0.023 s	
<a href="#">cla</a>	3	0.023 s	0.005 s	
<a href="#">hgbehaviorfactory&gt;localGetBehaviorInfo</a>	2	0.023 s	0.023 s	
<a href="#">fileparts</a>	3	0.021 s	0.020 s	

<a href="#">registerevent</a>	1	0.019 s	0.003 s	
<a href="#">parseArgs&gt;multistrncmpi</a>	7	0.017 s	0.007 s	
<a href="#">graphics\private\clo</a>	3	0.016 s	0.016 s	
<a href="#">xlswrite&gt;calcrange</a>	1	0.015 s	0.003 s	
<a href="#">histogram&gt;parseinput</a>	1	0.014 s	0.008 s	
<a href="#">histcounts&gt;parseinput</a>	1	0.012 s	0.008 s	
<a href="#">fullfile&gt;ensureTrailingFilesep</a>	469	0.010 s	0.001 s	
<a href="#">validatestring</a>	6	0.010 s	0.003 s	
<a href="#">specgraph\private\nextstyle</a>	1	0.010 s	0.010 s	
<a href="#">fullfile&gt;addTrailingFileSep</a>	469	0.009 s	0.009 s	
<a href="#">histcounts&gt;integerrule</a>	1	0.009 s	0.008 s	
<a href="#">Histogram.Histogram&gt;Histogram.get.Data</a>	1	0.008 s	0.008 s	
<a href="#">winfun\private\checkeventname</a>	1	0.008 s	0.008 s	
<a href="#">ind2rgb</a>	1	0.008 s	0.008 s	
<a href="#">xlswrite&gt;abspath</a>	1	0.007 s	0.003 s	
<a href="#">clearvars&gt;parseArgs</a>	7	0.007 s	0.007 s	
<a href="#">parseArgs&gt;create@(z)any(strncmpi(s,z,n))</a>	7	0.007 s	0.007 s	
<a href="#">mean</a>	1	0.007 s	0.007 s	
<a href="#">iofun\private\dec2base27</a>	1	0.007 s	0.002 s	
<a href="#">registerevent&gt;addevent</a>	1	0.007 s	0.007 s	
<a href="#">validatestring&gt;checkString</a>	6	0.006 s	0.006 s	
<a href="#">iofun\private\dec2base27&gt;index_to_string</a>	1	0.005 s	0.003 s	
<a href="#">xlswrite&gt;activate_sheet</a>	1	0.005 s	0.005 s	
<a href="#">datafun\private\histcountsmex (MEX-file)</a>	1	0.004 s	0.004 s	
<a href="#">ishold</a>	1	0.004 s	0.004 s	
<a href="#">general\private\catdirs</a>	1	0.003 s	0.001 s	
<a href="#">parseArgs&gt;@(z)any(strncmpi(s,z,n))</a>	21	0.003 s	0.003 s	

<a href="#">cellstr</a>	3	0.003 s	0.003 s	
<a href="#">Histogram.Histogram&gt;Histogram.set.Values</a>	1	0.003 s	0.003 s	
<a href="#">hggetbehavior&gt;localPeek</a>	2	0.003 s	0.003 s	
<a href="#">interp1&gt;parseinputs</a>	1	0.003 s	0.002 s	
<a href="#">pathsep</a>	3	0.002 s	0.002 s	
<a href="#">num2str&gt;handleNumericPrecision</a>	1	0.002 s	0.000 s	
<a href="#">num2str&gt;convertUsingRecycledSprintf</a>	1	0.002 s	0.002 s	
<a href="#">graphics\private\claNotify</a>	3	0.002 s	0.002 s	
<a href="#">Histogram.Histogram&gt;Histogram.set.Face</a>	1	0.002 s	0.002 s	
<a href="#">...havior&gt;BrushBehavior.BrushBehavior</a>	1	0.002 s	0.002 s	
<a href="#">...r&gt;DataDescriptorBehavior.dosupport</a>	1	0.002 s	0.002 s	
<a href="#">ind2sub</a>	1	0.002 s	0.002 s	
<a href="#">xlswrite&gt;resetVisibility</a>	1	0.002 s	0.000 s	
<a href="#">cell.ismember</a>	1	0.002 s	0.002 s	
<a href="#">range</a>	1	0.002 s	0.002 s	
<a href="#">linspace</a>	1	0.002 s	0.002 s	
<a href="#">filesep</a>	2	0.001 s	0.001 s	
<a href="#">...(token_1.escapeFcn)escapeFcn(token_1)</a>	7	0.001 s	0.001 s	
<a href="#">validatestring&gt;checkInputs</a>	6	0.001 s	0.001 s	
<a href="#">newplot&gt;ObserveFigureNextPlot</a>	3	0.001 s	0.001 s	
<a href="#">histcounts&gt;getmaxnumbins</a>	1	0.001 s	0.001 s	
<a href="#">...riporBehavior.DataDescriptorBehavior</a>	1	0.001 s	0.001 s	
<a href="#">BrushBehavior&gt;BrushBehavior.dosupport</a>	1	0.001 s	0.001 s	
<a href="#">iscom</a>	1	0.001 s	0.001 s	
<a href="#">ispc</a>	4	0.001 s	0.001 s	
<a href="#">pwd</a>	1	0.001 s	0.001 s	
<a href="#">iofun\private\base27dec</a>	1	0.001 s	0.001 s	

<a href="#">xlswrite&gt;create@()xlsCleanup(Excel.file)</a>	1	0.001 s	0.001 s	
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	1	0.001 s	0.001 s	
<a href="#">winfun\private\comeventcallback</a>	1	0.001 s	0.001 s	
<a href="#">...ExcelWorkbook&gt;waitForValidWorkbook</a>	1	0.001 s	0.001 s	
<a href="#">interp1&gt;sanitycheckmethod</a>	1	0.001 s	0.001 s	
<a href="#">Histogram.Histogram&gt;Histogram.set.Edge</a>	1	0 s	0.000 s	
<a href="#">Histogram.Histogram&gt;struct2nvpairs</a>	2	0 s	0.000 s	
<a href="#">...togram&gt;Histogram.get.Normalization</a>	1	0 s	0.000 s	
<a href="#">HGBehavior&gt;HGBehavior.HGBehavior</a>	2	0 s	0.000 s	
<a href="#">winfun\private\newprogid</a>	1	0 s	0.000 s	
<a href="#">iofun\private\dec2base27&gt;calculate_range</a>	1	0 s	0.000 s	
<a href="#">fliplr</a>	1	0 s	0.000 s	
<a href="#">...elWorkbook&gt;WorkbookActivateHandler</a>	1	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.