




## Profile Summary

Generated 24-Sep-2015 00:54:59 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_3</a>	1	814.105 s	700.071 s	
<a href="#">corr</a>	7	106.643 s	0.032 s	
<a href="#">corr&gt;corrPearson</a>	7	106.558 s	106.558 s	
<a href="#">xlswrite</a>	1	3.164 s	0.057 s	
<a href="#">actxserver</a>	1	2.299 s	2.299 s	
<a href="#">shortest_paths</a>	1226	1.905 s	0.725 s	
<a href="#">matlab_bgl\private\matlab_bgl_sp_mex (MEX-file)</a>	1226	1.063 s	1.063 s	
<a href="#">xlswrite&gt;ExecuteWrite</a>	1	0.763 s	0.381 s	
<a href="#">addpath</a>	1	0.575 s	0.005 s	
<a href="#">path</a>	1	0.567 s	0.557 s	
<a href="#">histogram</a>	1	0.510 s	0.021 s	
<a href="#">clearvars</a>	8	0.506 s	0.411 s	
<a href="#">num2str</a>	4215	0.386 s	0.199 s	
<a href="#">iofun\private\openExcelWorkbook</a>	1	0.316 s	0.272 s	
<a href="#">fullfile</a>	1406	0.272 s	0.110 s	
<a href="#">newplot</a>	3	0.191 s	0.021 s	
<a href="#">int2str</a>	4214	0.185 s	0.185 s	
<a href="#">Histogram.Histogram&gt;Histogram.Histogram</a>	1	0.152 s	0.078 s	
<a href="#">newplot&gt;ObserveAxesNextPlot</a>	3	0.150 s	0.017 s	
<a href="#">cla</a>	3	0.133 s	0.004 s	
<a href="#">fullfile&gt;refinePath</a>	1406	0.131 s	0.046 s	

<a href="#">graphics\private\clo</a>	3	0.113 s	0.113 s	
<a href="#">fullfile&gt;replaceMultipleFileSeps</a>	1404	0.085 s	0.085 s	
<a href="#">clearvars&gt;createPattern</a>	8	0.080 s	0.016 s	
<a href="#">hggetbehavior</a>	2	0.069 s	0.001 s	
<a href="#">hggetbehavior&gt;localGet</a>	2	0.068 s	0.003 s	
<a href="#">strjoin</a>	8	0.064 s	0.013 s	
<a href="#">mat...bgl\private\get_matlab_bgl_options</a>	1226	0.061 s	0.023 s	
<a href="#">parseArgs</a>	7	0.053 s	0.006 s	
<a href="#">onCleanup&gt;onCleanup.delete</a>	1	0.052 s	0.002 s	
<a href="#">strfun\private\strescape</a>	8	0.051 s	0.049 s	
<a href="#">iofun\private\xlsCleanup</a>	1	0.050 s	0.047 s	
<a href="#">xlswrite&gt;@().xlsCleanup(Excel,file)</a>	1	0.050 s	0.000 s	
<a href="#">axescheck</a>	1	0.048 s	0.048 s	
<a href="#">parseArgs</a>	7	0.047 s	0.020 s	
<a href="#">matlab_bgl\private\check_matlab_bgl</a>	1226	0.047 s	0.047 s	
<a href="#">hgbehaviorfactory</a>	2	0.046 s	0.001 s	
<a href="#">hgbehaviorfactory&gt;localCreate</a>	2	0.045 s	0.004 s	
<a href="#">histcounts</a>	1	0.044 s	0.028 s	
<a href="#">registerevent</a>	1	0.041 s	0.008 s	
<a href="#">parula</a>	1	0.040 s	0.006 s	
<a href="#">hgbehaviorfactory&gt;localGetBehaviorInfo</a>	2	0.038 s	0.038 s	
<a href="#">set_matlab_bgl_default</a>	1226	0.038 s	0.038 s	
<a href="#">fullfile&gt;ensureTrailingFilesep</a>	1405	0.031 s	0.012 s	
<a href="#">interp1</a>	1	0.030 s	0.024 s	
<a href="#">parseArgs&gt;multistncmpi</a>	7	0.027 s	0.011 s	
<a href="#">histogram&gt;parseinput</a>	1	0.024 s	0.015 s	
<a href="#">xlswrite&gt;calcrange</a>	1	0.023 s	0.008 s	

<a href="#">newplot&gt;ObserveFigureNextPlot</a>	3	0.020 s	0.020 s	
<a href="#">rmfield</a>	4	0.020 s	0.015 s	
<a href="#">fullfile&gt;addTrailingFileSep</a>	1405	0.019 s	0.019 s	
<a href="#">registerevent&gt;addevent</a>	1	0.017 s	0.017 s	
<a href="#">graphics\private\claNotify</a>	3	0.016 s	0.016 s	
<a href="#">fileparts</a>	3	0.016 s	0.015 s	
<a href="#">clearvars&gt;parseArgs</a>	8	0.015 s	0.015 s	
<a href="#">Histogram.Histogram&gt;Histogram.get.Data</a>	1	0.015 s	0.015 s	
<a href="#">winfun\private\checkeventname</a>	1	0.015 s	0.015 s	
<a href="#">histogram&gt;binspec2cell</a>	1	0.014 s	0.003 s	
<a href="#">hggetbehavior&gt;localPeek</a>	2	0.013 s	0.013 s	
<a href="#">validatestring</a>	6	0.012 s	0.005 s	
<a href="#">num2cell</a>	1	0.012 s	0.012 s	
<a href="#">parseArgs&gt;create@(z)any(strncmpi(s,z,n))</a>	7	0.011 s	0.011 s	
<a href="#">general\private\parsedirs</a>	2	0.010 s	0.010 s	
<a href="#">matlab_bgl\private\merge_options</a>	1226	0.010 s	0.010 s	
<a href="#">histcounts&gt;parseinput</a>	1	0.009 s	0.006 s	
<a href="#">ind2rgb</a>	1	0.008 s	0.008 s	
<a href="#">specgraph\private\nextstyle</a>	1	0.007 s	0.007 s	
<a href="#">iofun\private\dec2base27</a>	1	0.007 s	0.001 s	
<a href="#">validatestring&gt;checkString</a>	6	0.006 s	0.006 s	
<a href="#">histcounts&gt;integerrule</a>	1	0.006 s	0.005 s	
<a href="#">mean</a>	1	0.006 s	0.006 s	
<a href="#">xlswrite&gt;activate_sheet</a>	1	0.006 s	0.006 s	
<a href="#">interp1&gt;parseinputs</a>	1	0.006 s	0.005 s	
<a href="#">xlswrite&gt;abspath</a>	1	0.005 s	0.003 s	
<a href="#">parseArgs&gt;@(z)any(strncmpi(s,z,n))</a>	21	0.005 s	0.005 s	

<a href="#">cellstr</a>	3	0.005 s	0.005 s	
<a href="#">...r&gt;DataDescriptorBehavior.dosupport</a>	1	0.005 s	0.005 s	
<a href="#">iofun\private\dec2base27&gt;index_to_string</a>	1	0.005 s	0.002 s	
<a href="#">xlswrite&gt;resetVisibility</a>	1	0.005 s	0.002 s	
<a href="#">linspace</a>	1	0.004 s	0.004 s	
<a href="#">general\private\catdirs</a>	1	0.003 s	0.001 s	
<a href="#">Histogram.Histogram&gt;Histogram.set.Face</a>	1	0.003 s	0.003 s	
<a href="#">...havior&gt;BrushBehavior.BrushBehavior</a>	1	0.003 s	0.002 s	
<a href="#">ind2sub</a>	1	0.003 s	0.003 s	
<a href="#">cell.ismember</a>	1	0.003 s	0.003 s	
<a href="#">pathsep</a>	3	0.002 s	0.002 s	
<a href="#">num2str&gt;handleNumericPrecision</a>	1	0.002 s	0.001 s	
<a href="#">...(token_1.escapeFcn)escapeFcn(token_1)</a>	8	0.002 s	0.002 s	
<a href="#">Histogram.Histogram&gt;Histogram.set.Values</a>	1	0.002 s	0.002 s	
<a href="#">ishold</a>	1	0.002 s	0.002 s	
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	1	0.002 s	0.002 s	
<a href="#">winfun\private\comeventcallback</a>	1	0.002 s	0.001 s	
<a href="#">range</a>	1	0.002 s	0.002 s	
<a href="#">num2str&gt;convertUsingRecycledSprintf</a>	1	0.001 s	0.001 s	
<a href="#">validatestring&gt;checkInputs</a>	6	0.001 s	0.001 s	
<a href="#">Histogram.Histogram&gt;Histogram.set.Edge</a>	1	0.001 s	0.001 s	
<a href="#">histcounts&gt;getmaxnumbins</a>	1	0.001 s	0.001 s	
<a href="#">datafun\private\histcountsmex</a> (MEX-file)	1	0.001 s	0.001 s	
<a href="#">HGBehavior&gt;HGBehavior.HGBehavior</a>	2	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="#">iofun\private\base27dec</a>	1	0.001 s	0.001 s	
<a href="#">iofun\private\dec2base27&gt;calculate_range</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="#">...elWorkbook&gt;WorkbookActivateHandler</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="#">filesep</a>	2	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="#">...ripterBehavior.DataDescriptorBehavior</a>	1	0 s	0.000 s	
<a href="#">pwd</a>	1	0 s	0.000 s	
<a href="#">winfun\private\newprogid</a>	1	0 s	0.000 s	
<a href="#">fliplr</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.