Profile Summary

Generated 24-Sep-2015 00:30:45 using cpu time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
Project_1_Task_3	1	739.802 s	614.002 s	
corr	7	121.132 s	0.066 s	
corr>corrPearson	7	120.915 s	120.915 s	
xlswrite	1	2.325 s	0.047 s	
xlswrite>ExecuteWrite	1	1.146 s	0.820 s	
actxserver	1	1.094 s	1.094 s	
clearvars	7	0.520 s	0.464 s	
shortest_paths	1	0.487 s	0.467 s	
histogram	1	0.422 s	0.019 s	
num2str	4215	0.391 s	0.202 s	
fullfile	1407	0.295 s	0.129 s	
iofun\private\openExcelWorkbook	1	0.288 s	0.248 s	
newplot	3	0.193 s	0.020 s	
int2str	4214	0.187 s	0.187 s	
parseArgs	7	0.151 s	0.009 s	
newplot>ObserveAxesNextPlot	3	0.151 s	0.019 s	
parseArgs	7	0.142 s	0.068 s	
Histogram.Histogram>Histogram.Histogram	1	0.141 s	0.063 s	
cla	3	0.132 s	0.004 s	
fullfile>refinePath	1407	0.118 s	0.037 s	
addpath	1	0.118 s	0.003 s	

graphics\private\clo	3	0.117 s	0.117 s	
path	1	0.114 s	0.107 s	
fullfile>replaceMultipleFileSeps	1404	0.081 s	0.081 s	
parseArgs>multistrncmpi	7	0.074 s	0.025 s	
histcounts	1	0.052 s	0.032 s	
parula	1	0.052 s	0.004 s	
fullfile>ensureTrailingFilesep	1406	0.048 s	0.015 s	
clearvars>createPattern	7	0.045 s	0.009 s	
interp1	1	0.044 s	0.035 s	
hggetbehavior	2	0.041 s	0.001 s	
hggetbehavior>localGet	2	0.040 s	0.002 s	
strjoin	7	0.036 s	0.004 s	
registerevent	1	0.034 s	0.008 s	
fullfile>addTrailingFileSep	1406	0.033 s	0.033 s	
strfun\private\strescape	7	0.032 s	0.029 s	
parseArgs>create@(z)any(strncmpi(s,z,n))	7	0.032 s	0.032 s	
hgbehaviorfactory	2	0.026 s	0.001 s	
xlswrite>calcrange	1	0.025 s	0.006 s	
hgbehaviorfactory>localCreate	2	0.025 s	0.003 s	
axescheck	1	0.024 s	0.024 s	
onCleanup>onCleanup.delete	1	0.023 s	0.001 s	
newplot>ObserveFigureNextPlot	3	0.022 s	0.022 s	
xlswrite>@()xlsCleanup(Excel,file)	1	0.022 s	0.001 s	
histogram>parseinput	1	0.021 s	0.012 s	
iofun\private\xlsCleanup	1	0.021 s	0.018 s	
hgbehaviorfactory>localGetBehaviorInfo	2	0.020 s	0.020 s	
parseArgs>@(z)any(strncmpi(s,z,n))	21	0.017 s	0.017 s	

matlab_bgl\private\check_matlab_bgl	1	0.016 s	0.016 s	
rmfield	4	0.015 s	0.011 s	
num2cell	1	0.015 s	0.015 s	
registerevent>addevent	1	0.014 s	0.014 s	
validatestring	6	0.013 s	0.005 s	
iofun\private\dec2base27	1	0.012 s	0.003 s	
clearvars>parseArgs	7	0.011 s	0.011 s	
graphics\private\claNotify	3	0.011 s	0.011 s	
fileparts	3	0.011 s	0.010 s	
winfun\private\checkeventname	1	0.011 s	0.011 s	
histcounts>parseinput	1	0.010 s	0.006 s	
hggetbehavior>localPeek	2	0.010 s	0.010 s	
ind2rgb	1	0.010 s	0.010 s	
histogram>binspec2cell	1	0.009 s	0.003 s	
Histogram.Histogram>Histogram.get.Data	1	0.009 s	0.009 s	
interp1>parseinputs	1	0.009 s	0.006 s	
histcounts>integerrule	1	0.008 s	0.007 s	
iofun\private\dec2base27>index_to_string	1	0.008 s	0.002 s	
general\private\parsedirs	2	0.007 s	0.007 s	
specgraph\private\nextstyle	1	0.007 s	0.007 s	
xlswrite>activate_sheet	1	0.007 s	0.007 s	
validatestring>checkString	6	0.006 s	0.006 s	
mean	1	0.006 s	0.006 s	
ind2sub	1	0.006 s	0.006 s	
xlswrite>resetVisibility	1	0.006 s	0.001 s	
cell.ismember	1	0.005 s	0.005 s	
cellstr	3	0.004 s	0.004 s	

winfun\private\comeventcallback	1	0.004 s	0.004 s	
linspace	1	0.004 s	0.004 s	
mat...bgl\private\get_matlab_bgl_options	1	0.004 s	0.004 s	
xlswrite>abspath	1	0.003 s	0.001 s	
...(token_1,escapeFcn)escapeFcn(token_1)	7	0.003 s	0.003 s	
Histogram.Histogram>Histogram.set.Face	1	0.003 s	0.003 s	
Histogram.Histogram>Histogram.set.Values	1	0.003 s	0.003 s	
interp1>sanitycheckmethod	1	0.003 s	0.003 s	
num2str>handleNumericPrecision	1	0.002 s	0.001 s	
validatestring>checkInputs	6	0.002 s	0.002 s	
datafun\private\histcountsmex (MEX-file)	1	0.002 s	0.002 s	
...r>DataDescriptorBehavior.dosupport	1	0.002 s	0.002 s	
ishold	1	0.002 s	0.002 s	
iofun\private\base27dec	1	0.002 s	0.002 s	
...ExcelWorkbook>waitForValidWorkbook	1	0.002 s	0.002 s	
pwd	2	0.001 s	0.001 s	
general\private\catdirs	1	0.001 s	0.001 s	
num2str>convertUsingRecycledSprintf	1	0.001 s	0.001 s	
Histogram.Histogram>struct2nvpairs	2	0.001 s	0.001 s	
...togram>Histogram.get.Normalization	1	0.001 s	0.001 s	
histcounts>getmaxnumbins	1	0.001 s	0.001 s	
...havior>BrushBehavior.BrushBehavior	1	0.001 s	0.001 s	
...riptorBehavior.DataDescriptorBehavior	1	0.001 s	0.001 s	
iscom	1	0.001 s	0.001 s	
ispc	4	0.001 s	0.001 s	
iofun\private\dec2base27>calculate_range	1	0.001 s	0.001 s	
xlswrite>create@()xlsCleanup(Excel,file)	1	0.001 s	0.001 s	

[onCleanup>onCleanup.onCleanup](#)	1	0.001 s	0.001 s	
[range](#)	1	0.001 s	0.001 s	
[pathsep](#)	3	0 s	0.000 s	
[filesep](#)	2	0 s	0.000 s	
[Histogram.Histogram>Histogram.set.Edge](#)	1	0 s	0.000 s	
[HGBehavior>HGBehavior.HGBehavior](#)	2	0 s	0.000 s	
[BrushBehavior>BrushBehavior.dosupport](#)	1	0 s	0.000 s	
[winfun\private\newprogid](#)	1	0 s	0.000 s	
[fliplr](#)	1	0 s	0.000 s	
[...elWorkbook>WorkbookActivateHandler](#)	1	0 s	0.000 s	
[set_matlab_bgl_default](#)	1	0 s	0.000 s	
[matlab_bgl\private\merge_options](#)	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.