Profile Summary

Generated 23-Sep-2015 18:39:45 using cpu time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
Project_1_Task_1	1	369.010 s	135.949 s	
shortest_paths	25420	165.622 s	70.555 s	
matlab_bgl\private\matlab_bgl_sp_mex (MEX-file)	25420	92.664 s	92.664 s	
corr	7	59.791 s	0.026 s	
corr>corrPearson	7	59.716 s	59.716 s	
xlswrite	1	5.137 s	0.024 s	
xlswrite>ExecuteWrite	1	2.587 s	1.503 s	
actxserver	1	2.476 s	2.476 s	
histogram	1	1.721 s	0.768 s	
mat...bgl\private\get_matlab_bgl_options	25420	1.150 s	0.430 s	
matlab_bgl\private\check_matlab_bgl	25420	0.867 s	0.867 s	
set_matlab_bgl_default	25420	0.720 s	0.720 s	
xlswrite>activate_sheet	1	0.705 s	0.705 s	
newplot	3	0.468 s	0.362 s	
matlab_bgl\private\merge_options	25420	0.386 s	0.386 s	
iofun\private\openExcelWorkbook	1	0.312 s	0.288 s	
Histogram.Histogram>Histogram.Histogram	1	0.297 s	0.162 s	
num2str	4215	0.270 s	0.128 s	
fullfile	1406	0.243 s	0.107 s	
int2str	4214	0.139 s	0.139 s	
hggetbehavior	2	0.128 s	0.004 s	

hggetbehavior>localGet	2	0.124 s	0.024 s	
newplot>ObserveAxesNextPlot	3	0.104 s	0.005 s	
fullfile>refinePath	1406	0.102 s	0.038 s	
cla	3	0.099 s	0.083 s	
histcounts	1	0.097 s	0.070 s	
hgbehaviorfactory	2	0.094 s	0.001 s	
hgbehaviorfactory>localCreate	2	0.093 s	0.061 s	
clearvars	7	0.090 s	0.040 s	
addpath	1	0.074 s	0.009 s	
fullfile>replaceMultipleFileSeps	1404	0.064 s	0.064 s	
path	1	0.063 s	0.047 s	
parula	1	0.061 s	0.037 s	
xlswrite>@()xlsCleanup(Excel,file)	1	0.059 s	0.003 s	
onCleanup>onCleanup.delete	1	0.059 s	0.000 s	
iofun\private\xlsCleanup	1	0.056 s	0.054 s	
parseArgs	7	0.049 s	0.015 s	
histogram>parseinput	1	0.047 s	0.043 s	
clearvars>createPattern	7	0.044 s	0.008 s	
xlswrite>calcrange	1	0.040 s	0.022 s	
strjoin	7	0.036 s	0.006 s	
fullfile>ensureTrailingFilesep	1405	0.034 s	0.013 s	
parseArgs	7	0.034 s	0.016 s	
strfun\private\strescape	7	0.030 s	0.029 s	
hgbehaviorfactory>localGetBehaviorInfo	2	0.030 s	0.030 s	
num2cell	1	0.029 s	0.029 s	
interp1	1	0.023 s	0.018 s	
fullfile>addTrailingFileSep	1405	0.021 s	0.021 s	

registerevent	1	0.019 s	0.008 s	
parseArgs>multistrncmpi	7	0.018 s	0.011 s	
rmfield	4	0.017 s	0.014 s	
general\private\parsedirs	2	0.016 s	0.016 s	
histcounts>parseinput	1	0.015 s	0.010 s	
iofun\private\dec2base27	1	0.015 s	-0.000 s	
Histogram.Histogram>Histogram.set.Values	1	0.014 s	0.014 s	
iofun\private\dec2base27>index_to_string	1	0.014 s	0.012 s	
graphics\private\clo	3	0.013 s	0.013 s	
histogram>binspec2cell	1	0.011 s	0.005 s	
histcounts>integerrule	1	0.011 s	0.011 s	
ind2rgb	1	0.010 s	0.010 s	
fileparts	3	0.009 s	0.008 s	
validatestring	6	0.009 s	0.000 s	
xlswrite>resetVisibility	1	0.008 s	0.006 s	
Histogram.Histogram>Histogram.set.Face	1	0.007 s	0.007 s	
clearvars>parseArgs	7	0.006 s	0.006 s	
validatestring>checkString	6	0.006 s	0.006 s	
registerevent>addevent	1	0.006 s	0.006 s	
parseArgs>create@(z)any(strncmpi(s,z,n))	7	0.005 s	0.005 s	
axescheck	1	0.005 s	0.005 s	
specgraph\private\nextstyle	1	0.005 s	0.005 s	
mean	1	0.005 s	0.005 s	
winfun\private\checkeventname	1	0.005 s	0.005 s	
interp1>parseinputs	1	0.005 s	0.004 s	
hggetbehavior>localPeek	2	0.004 s	0.004 s	
winfun\private\comeventcallback	1	0.004 s	0.004 s	

num2str>handleNumericPrecision	1	0.003 s	0.001 s	
validatestring>checkInputs	6	0.003 s	0.003 s	
graphics\private\claNotify	3	0.003 s	0.003 s	
cellstr	3	0.003 s	0.003 s	
general\private\catdirs	1	0.002 s	0.002 s	
num2str>convertUsingRecycledSprintf	1	0.002 s	0.002 s	
xlswrite>abspath	1	0.002 s	0.001 s	
parseArgs>@(z)any(strncmpi(s,z,n))	21	0.002 s	0.002 s	
newplot>ObserveFigureNextPlot	3	0.002 s	0.002 s	
Histogram.Histogram>Histogram.set.Edge	1	0.002 s	0.002 s	
Histogram.Histogram>struct2nvpairs	2	0.002 s	0.002 s	
Histogram.Histogram>Histogram.get.Data	1	0.002 s	0.002 s	
...r>DataDescriptorBehavior.dosupport	1	0.002 s	0.002 s	
ind2sub	1	0.002 s	0.002 s	
cell.ismember	1	0.002 s	0.002 s	
range	1	0.002 s	0.002 s	
ispc	5	0.001 s	0.001 s	
...(token_1,escapeFcn)escapeFcn(token_1)	7	0.001 s	0.001 s	
datafun\private\histcountsmex (MEX-file)	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	
ishold	1	0.001 s	0.001 s	
pwd	1	0.001 s	0.001 s	
iofun\private\base27dec	1	0.001 s	0.001 s	
iofun\private\dec2base27>calculate_range	1	0.001 s	0.001 s	
...ExcelWorkbook>waitForValidWorkbook	1	0.001 s	0.001 s	
linspace	1	0.001 s	0.001 s	

interp1>sanitycheckmethod	1	0.001 s	0.001 s	
pathsep	3	0 s	0.000 s	
filesep	2	0 s	0.000 s	
iscom	1	0 s	0.000 s	
...togram>Histogram.get.Normalization	1	0 s	0.000 s	
histcounts>getmaxnumbins	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	
xlswrite>create@()xlsCleanup(Excel,file)	1	0 s	0.000 s	
onCleanup>onCleanup.onCleanup	1	0 s	0.000 s	
...elWorkbook>WorkbookActivateHandler	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.