








Profile Summary

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Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
Project_1_Task_2	1	366.739 s	133.219 s	
shortest_paths	27590	200.286 s	94.204 s	
matlab_bgl\private\matlab_bgl_sp_mex (MEX-file)	27590	103.501 s	103.501 s	
corr	7	28.792 s	0.017 s	
corr>corrPearson	7	28.747 s	28.747 s	
xlswrite	1	3.408 s	0.018 s	
actxserver	1	2.501 s	2.500 s	
mat...bgl\private\get_matlab_bgl_options	27590	1.202 s	0.447 s	
matlab_bgl\private\check_matlab_bgl	27590	0.975 s	0.975 s	
xlswrite>ExecuteWrite	1	0.858 s	0.452 s	
set_matlab_bgl_default	27590	0.755 s	0.755 s	
histogram	1	0.447 s	0.010 s	
matlab_bgl\private\merge_options	27590	0.403 s	0.403 s	
iofun\private\openExcelWorkbook	1	0.345 s	0.320 s	
addpath	1	0.193 s	0.006 s	
path	1	0.186 s	0.172 s	
Histogram.Histogram>Histogram.Histogram	1	0.174 s	0.080 s	
newplot	3	0.161 s	0.014 s	
newplot>ObserveAxesNextPlot	3	0.130 s	0.015 s	
cla	3	0.115 s	0.003 s	
graphics\private\clo	3	0.104 s	0.104 s	

num2str	1407	0.103 s	0.053 s	
clearvars	7	0.100 s	0.047 s	
fullfile	470	0.090 s	0.033 s	
histcounts	1	0.064 s	0.037 s	
xlswrite>@()xlsCleanup(Excel,file)	1	0.052 s	0.002 s	
onCleanup>onCleanup.delete	1	0.052 s	0.000 s	
iofun\private\xlsCleanup	1	0.050 s	0.047 s	
int2str	1406	0.049 s	0.049 s	
clearvars>createPattern	7	0.047 s	0.011 s	
parula	1	0.046 s	0.002 s	
fullfile>refinePath	470	0.043 s	0.017 s	
axescheck	1	0.042 s	0.042 s	
interp1	1	0.042 s	0.038 s	
strjoin	7	0.036 s	0.005 s	
num2cell	1	0.033 s	0.033 s	
strfun\private\strescape	7	0.031 s	0.030 s	
hggetbehavior	2	0.030 s	0.001 s	
hggetbehavior>localGet	2	0.029 s	0.003 s	
parseArgs	7	0.028 s	0.002 s	
fullfile>replaceMultipleFileSeps	468	0.026 s	0.026 s	
parseArgs	7	0.026 s	0.011 s	
histogram>parseinput	1	0.023 s	0.016 s	
registerevent	1	0.023 s	0.005 s	
hgbehaviorfactory>localCreate	2	0.021 s	0.002 s	
hgbehaviorfactory	2	0.021 s	0.000 s	
rmfield	4	0.020 s	0.015 s	
xlswrite>calcrange	1	0.019 s	0.005 s	

hgbehaviorfactory>localGetBehaviorInfo	2	0.019 s	0.019 s	
newplot>ObserveFigureNextPlot	3	0.017 s	0.017 s	
parseArgs>multistrncmpi	7	0.015 s	0.005 s	
general\private\parsedirs	2	0.014 s	0.014 s	
fullfile>ensureTrailingFilesep	469	0.014 s	0.004 s	
histcounts>parseinput	1	0.014 s	0.008 s	
validatestring	6	0.013 s	0.005 s	
histogram>binspec2cell	1	0.012 s	0.004 s	
registerevent>addevent	1	0.012 s	0.012 s	
Histogram.Histogram>Histogram.get.Data	1	0.011 s	0.011 s	
fileparts	3	0.011 s	0.010 s	
fullfile>addTrailingFileSep	469	0.010 s	0.010 s	
specgraph\private\nextstyle	1	0.009 s	0.009 s	
histcounts>integerrule	1	0.009 s	0.008 s	
iofun\private\dec2base27	1	0.009 s	0.001 s	
parseArgs>create@(z)any(strncmpi(s,z,n))	7	0.008 s	0.008 s	
graphics\private\claNotify	3	0.008 s	0.008 s	
validatestring>checkString	6	0.007 s	0.007 s	
iofun\private\dec2base27>index_to_string	1	0.007 s	0.004 s	
ind2rgb	1	0.007 s	0.007 s	
clearvars>parseArgs	7	0.006 s	0.006 s	
winfun\private\checkeventname	1	0.006 s	0.006 s	
xlswrite>activate_sheet	1	0.006 s	0.006 s	
cellstr	3	0.005 s	0.005 s	
datafun\private\histcountsmex (MEX-file)	1	0.004 s	0.004 s	
mean	1	0.004 s	0.004 s	
interp1>parseinputs	1	0.004 s	0.003 s	

xlswrite>abspath	1	0.003 s	0.001 s	
Histogram.Histogram>Histogram.set.Values	1	0.003 s	0.003 s	
ind2sub	1	0.003 s	0.003 s	
parseArgs>@(z)any(strncmpi(s,z,n))	21	0.002 s	0.002 s	
hggetbehavior>localPeek	2	0.002 s	0.002 s	
...r>DataDescriptorBehavior.dosupport	1	0.002 s	0.002 s	
xlswrite>resetVisibility	1	0.002 s	0.000 s	
cell.ismember	1	0.002 s	0.002 s	
range	1	0.002 s	0.002 s	
linspace	1	0.002 s	0.002 s	
general\private\catdirs	1	0.001 s	0.001 s	
num2str>handleNumericPrecision	1	0.001 s	0.000 s	
num2str>convertUsingRecycledSprintf	1	0.001 s	0.001 s	
...(token_1.escapeFcn)escapeFcn(token_1)	7	0.001 s	0.001 s	
validatestring>checkInputs	6	0.001 s	0.001 s	
Histogram.Histogram>Histogram.set.Face	1	0.001 s	0.001 s	
Histogram.Histogram>Histogram.set.Edge	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	
BrushBehavior>BrushBehavior.dosupport	1	0.001 s	0.001 s	
ishold	1	0.001 s	0.001 s	
ispc	4	0.001 s	0.001 s	
pwd	1	0.001 s	0.001 s	
winfun\private\newprogid	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	

xlswrite>create@()xlsCleanup(Excel.file)	1	0.001 s	0.001 s	
winfun\private\comeventcallback	1	0.001 s	0.001 s	
...ExcelWorkbook>waitForValidWorkbook	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	
...havior>BrushBehavior.BrushBehavior	1	0 s	0.000 s	
...ripterBehavior.DataDescriptorBehavior	1	0 s	0.000 s	
HGBehavior>HGBehavior.HGBehavior	2	0 s	0.000 s	
iscom	1	0 s	0.000 s	
fliplr	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.