

Profile Summary (Total time: 127.305 s)

Generated 07-Feb-2023 16:43:08 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
RunSim	1	127.257	0.049	
run	1	126.834	0.028	
main	1	126.777	0.058	
getStrain	1	45.345	41.183	
FineMesh	1	39.732	0.006	
BuildMesh_GMSH	1	39.715	0.008	
LoadMesh	1	39.346	39.342	
LinearSolver1	1	20.346	20.346	
getK	1	15.064	10.307	
getBv	847422	5.260	5.260	
write2vtk_static	1	4.268	0.038	
WriteMesh2VTK	1	4.229	4.219	
getFext	1	1.774	1.774	
getD	847422	1.665	1.665	
FineMesh>@(x)2e11	847423	0.847	0.847	
FineMesh>@(x)0.3	847423	0.815	0.815	
NodalConn	1	0.336	0.336	
FineMesh>@(x)1	423712	0.332	0.332	
addpath	4	0.240	0.013	
path	4	0.222	0.156	
cleanInput	1	0.100	0.100	
setdiff	1	0.051	0.003	
setdiff>setdiffR2012a	1	0.048	0.004	
fullfile	23	0.048	0.029	
Channel>@(source,data)obj.onCustomEvent(data.Type,data.Data)	1	0.044	0.003	
Channel>Channel.onCustomEvent	1	0.041	0.005	
strcat	6	0.039	0.036	
general/private/parsedirs	8	0.035	0.035	
clearvars	3	0.035	0.017	
unique	1	0.035	0.005	
webwindow>@(source,data)obj.onCustomEvent(data.Type,data.Data)	1	0.033	0.003	
close	2	0.033	0.012	
unique>uniqueR2012a	1	0.030	0.030	
webwindow>webwindow.onCustomEvent	1	0.030	0.023	
genpath	20	0.026	0.023	
num2str	36	0.024	0.014	
close>safegetchildren	2	0.018	0.005	
NodeSets	1	0.018	0.018	
GlobalQuad	1	0.017	0.007	
fileparts	3	0.015	0.006	

clearvars>parseArgs	3	0.013	0.013	
run>@().resetCD(startDir,fileDir)	1	0.013	0.001	
allchild	2	0.013	0.010	
cell.strcat	1	0.012	0.010	
run>resetCD	1	0.012	0.011	
setDefaults	1	0.008	0.008	
ismember	1	0.008	0.001	
ismember>ismemberR2012a	1	0.007	0.002	
num2str>handleNumericPrecision	6	0.006	0.002	
lagrange_basis	3	0.006	0.003	
ismember>ismemberBuiltinTypes	1	0.005	0.005	
clearvars>createPattern	2	0.005	0.002	
general/private/catdirs	4	0.005	0.005	
webwindow>@(varargin)obj.restoreCallbackState(varargin{:})	1	0.005	0.003	
num2str>convertUsingRecycledPrintf	6	0.005	0.005	
NodeDOFs	1	0.004	0.004	
fileparts>returnCharOrString	3	0.004	0.004	
strjoin	1	0.004	0.003	
int2str	26	0.003	0.003	
ensureServiceOn	1	0.003	0.003	
quadrature	1	0.003	0.003	
str2double	4	0.003	0.003	
fullfile>ensureTrailingFilesep	23	0.003	0.001	
blanks	6	0.003	0.003	
fullfile>refinePath	23	0.003	0.003	
fileparts>unixExecution	3	0.003	0.003	
fileparts>getExtension	3	0.003	0.003	
CustomEventInfo>CustomEventInfo.CustomEventInfo	1	0.003	0.003	
getNv	6	0.002	0.002	
webwindow>webwindow.restoreCallbackState	1	0.002	0.002	
cellstr	2	0.002	0.002	
usejava	1	0.002	0.002	
fullfile>addTrailingFileSep	23	0.002	0.002	
mpower	1	0.001	0.001	
close>getEmptyHandleList	2	0.001	0.001	
allchild>@().set(rootobj,'ShowHiddenHandles',Temp)	2	0.001	0.001	
pathsep	32	0.001	0.001	
fullfile>@(x)~iscell(x)&&isempty(x)	2	0.001	0.001	
allchild>getchildren	2	0.001	0.001	
path>isValidInput	8	0.001	0.001	
...toolbox.matlab.webwindow.FocusManager.getInstance (Java method)	1	0.001	0.001	
pwd	5	0.001	0.001	
close>request_close	2	0.001	0.001	
uitools/private/allchildRootHelper	2	0.001	0.001	
close>checkfigs	2	0.001	0.001	

strfun/private/strescape	1	0.000	0.000	
run>@.(){}.	1	0.000	0.000	
...mathworks.toolbox.matlab.webwindow.FocusManager (Java method)	1	0.000	0.000	

***Self time** is the time spent in a function excluding any time spent in child functions. The time includes any overhead time resulting from the profiling process.