

## Profile Summary (Total time: 102.450 s)

Generated 31-Jan-2023 19:18:27 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
<a href="#">RunSim</a>	1	102.392	0.021	
<a href="#">run</a>	1	102.085	0.014	
<a href="#">main</a>	1	102.055	0.027	
<a href="#">FineMesh</a>	1	38.740	0.006	
<a href="#">BuildMesh_GMSH</a>	1	38.722	0.002	
<a href="#">LoadMesh</a>	1	38.418	38.413	
<a href="#">getStrain</a>	1	35.477	13.560	
<a href="#">getK</a>	1	13.633	9.214	
<a href="#">lagrange_basis</a>	847425	12.518	5.010	
<a href="#">LinearSolver1</a>	1	8.224	8.224	
<a href="#">getBv</a>	1271133	7.555	7.555	
<a href="#">getNv</a>	847428	7.509	7.509	
<a href="#">write2vtk_static</a>	1	4.224	0.035	
<a href="#">WriteMesh2VTK</a>	1	4.188	4.180	
<a href="#">getD</a>	1271133	2.401	2.401	
<a href="#">getFext</a>	1	1.596	1.596	
<a href="#">getXI</a>	847422	1.278	1.278	
<a href="#">FineMesh&gt;@(x)2e11</a>	1271134	1.189	1.189	
<a href="#">FineMesh&gt;@(x)0.3</a>	1271134	1.064	1.064	
<a href="#">FineMesh&gt;@(x)1</a>	423712	0.335	0.335	
<a href="#">NodalConn</a>	1	0.288	0.288	
<a href="#">addpath</a>	4	0.172	0.008	
<a href="#">path</a>	4	0.162	0.119	
<a href="#">cleanInput</a>	1	0.068	0.067	
<a href="#">Channel&gt;@(source.data)obj.onCustomEvent(data.Type,data.Data)</a>	1	0.053	0.004	
<a href="#">Channel&gt;Channel.onCustomEvent</a>	1	0.049	0.007	
<a href="#">fullfile</a>	23	0.049	0.029	
<a href="#">setdiff</a>	1	0.046	0.003	
<a href="#">setdiff&gt;setdiffR2012a</a>	1	0.044	0.004	
<a href="#">webwindow&gt;@(source.data)obj.onCustomEvent(data.Type,data.Data)</a>	1	0.041	0.003	
<a href="#">webwindow&gt;webwindow.onCustomEvent</a>	1	0.038	0.025	
<a href="#">unique</a>	1	0.035	0.005	
<a href="#">general/private/parsedirs</a>	8	0.031	0.031	
<a href="#">unique&gt;uniqueR2012a</a>	1	0.030	0.030	
<a href="#">close</a>	2	0.025	0.010	
<a href="#">clearvars</a>	3	0.024	0.011	
<a href="#">num2str</a>	36	0.023	0.014	
<a href="#">genpath</a>	20	0.022	0.019	
<a href="#">strcat</a>	6	0.018	0.018	
<a href="#">cell.strcat</a>	1	0.014	0.011	

<a href="#">fileparts</a>	3	0.012	0.005	
<a href="#">close&gt;safegetchildren</a>	2	0.012	0.002	
<a href="#">GlobalQuad</a>	1	0.011	0.005	
<a href="#">webwindow&gt;@(varargin)obj.restoreCallbackState(varargin{:})</a>	1	0.010	0.008	
<a href="#">allchild</a>	2	0.010	0.008	
<a href="#">NodeSets</a>	1	0.009	0.009	
<a href="#">clearvars&gt;parseArgs</a>	3	0.008	0.008	
<a href="#">num2str&gt;handleNumericPrecision</a>	6	0.006	0.001	
<a href="#">num2str&gt;convertUsingRecycledSprintf</a>	6	0.005	0.005	
<a href="#">clearvars&gt;createPattern</a>	2	0.005	0.001	
<a href="#">ismember</a>	1	0.005	0.001	
<a href="#">ensureServiceOn</a>	1	0.004	0.004	
<a href="#">run&gt;@()resetCD(startDir,fileDir)</a>	1	0.003	0.000	
<a href="#">run&gt;resetCD</a>	1	0.003	0.003	
<a href="#">ismember&gt;ismemberR2012a</a>	1	0.003	0.002	
<a href="#">strjoin</a>	1	0.003	0.003	
<a href="#">str2double</a>	4	0.003	0.003	
<a href="#">fileparts&gt;returnCharOrString</a>	3	0.003	0.003	
<a href="#">int2str</a>	26	0.003	0.003	
<a href="#">fullfile&gt;ensureTrailingFilesep</a>	23	0.003	0.001	
<a href="#">NodeDOFs</a>	1	0.003	0.003	
<a href="#">fileparts&gt;unixExecution</a>	3	0.003	0.003	
<a href="#">general/private/catdirs</a>	4	0.002	0.002	
<a href="#">fullfile&gt;refinePath</a>	23	0.002	0.002	
<a href="#">...toolbox.matlab.webwindow.FocusManager.getInstance (Java method)</a>	1	0.002	0.002	
<a href="#">cellstr</a>	2	0.002	0.002	
<a href="#">webwindow&gt;webwindow.restoreCallbackState</a>	1	0.002	0.002	
<a href="#">ismember&gt;ismemberBuiltinTypes</a>	1	0.002	0.002	
<a href="#">fullfile&gt;addTrailingFileSep</a>	23	0.002	0.002	
<a href="#">fileparts&gt;getExtension</a>	3	0.002	0.002	
<a href="#">fullfile&gt;@(x)~iscell(x)&amp;&amp;isempty(x)</a>	2	0.002	0.002	
<a href="#">CustomEventInfo&gt;CustomEventInfo.CustomEventInfo</a>	1	0.001	0.001	
<a href="#">pathsep</a>	32	0.001	0.001	
<a href="#">close&gt;request_close</a>	2	0.001	0.001	
<a href="#">close&gt;getEmptyHandleList</a>	2	0.001	0.001	
<a href="#">close&gt;checkfigs</a>	2	0.001	0.001	
<a href="#">allchild&gt;@()set(rootobj,'ShowHiddenHandles',Temp)</a>	2	0.001	0.001	
<a href="#">blanks</a>	6	0.001	0.001	
<a href="#">usejava</a>	1	0.001	0.001	
<a href="#">setDefaults</a>	1	0.001	0.001	
<a href="#">allchild&gt;getchildren</a>	2	0.001	0.001	
<a href="#">path&gt;isValidInput</a>	8	0.001	0.001	
<a href="#">pwd</a>	5	0.001	0.001	
<a href="#">quadrature</a>	1	0.001	0.001	
<a href="#">uitools/private/allchildRootHelper</a>	2	0.001	0.001	

<a href="#">strfun/private/strescape</a>	1	0.001	0.001	
... <a href="#">mathworks.toolbox.matlab.webwindow.FocusManager</a> (Java method)	1	0.000	0.000	
<a href="#">run&gt;@()()</a>	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.