

Profile Summary (Total time: 576.766 s)

Generated 19-May-2025 19:56:27 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
Contribution_matrix	1	576.722	10.189	
integral2	767050	566.533	5.837	
funfun\private\integral2Calc	767050	541.990	2.520	
funfun\private\integral2Calc>integral2t	767050	539.470	51.408	
funfun\private\integral2Calc>integral2t/tensor	3707890	380.718	100.059	
Contribution_matrix>@(x,y)negative(x,y):-positive(x,y)	4474940	267.597	15.940	
...((2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)-qsphere(x,y)).^2).^1.5	4474940	128.630	112.853	
...((2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)+qsphere(x,y)).^2).^1.5	4474940	123.027	108.782	
funfun\private\integral2Calc>integral2t/SaveRectInfo	3707890	93.974	34.315	
funfun\private\integral2Calc>integral2t/AddToLists	3068252	59.659	59.659	
Contribution_matrix>@(x,y)sqrt(1-y.^2-x.^2)	17899760	30.022	30.022	
funfun\private\integral2ParseArgs	767050	18.706	14.882	
funfun\private\integral2Calc>integral2t/NextEntry	2940840	9.387	9.387	
Contribution_matrix>@(x)-1.*sqrt(1-x.^2)	3707890	7.741	7.741	
Contribution_matrix>@(x)sqrt(1-x.^2)	3707890	5.321	5.321	
funfun\private\Gauss3Kronrod7	767050	3.983	3.983	
funfun\private\integral2ParseArgs>validateMethod	767050	2.088	2.088	
funfun\private\integral2ParseArgs>validateAbsTol	767050	0.909	0.909	
funfun\private\integral2ParseArgs>validateRelTol	767050	0.827	0.827	
workspacefunc	2	0.033	0.009	
workspacefunc>getShortValueObjectJ	16	0.017	0.009	
Channel>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.010	0.001	
Channel>Channel.onCustomEvent	2	0.009	0.001	
webwindow>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.008	0.001	
webwindow>webwindow.onCustomEvent	2	0.007	0.005	
workspacefunc>num2complex	10	0.004	0.001	
workspacefunc>getWhosInformation	1	0.003	0.003	
workspacefunc>createComplexScalar	9	0.002	0.001	
now	2	0.002	0.001	
workspacefunc>locallsString	16	0.002	0.002	
workspacefunc>getCleanupHandler	1	0.002	0.002	
datetime	2	0.001	0.001	
workspacefunc>locallsDistributedType	17	0.001	0.001	
webwindow>@(varargin)obj.restoreCallbackState(varargin{:})	2	0.001	0.001	
codetools\private\dataviewerhelper	9	0.001	0.001	
workspacefunc>getAbstractValueSummaryJ	1	0.001	0.001	
CustomEventInfo>CustomEventInfo.CustomEventInfo	2	0.001	0.001	
ensureServiceOn	1	0.001	0.001	
...mathworks.mlwidgets.workspace.MatlabWorkspaceListener.swl(swl)	1	0.001	0.000	
usejava	2	0.000	0.000	
webwindow>webwindow.restoreCallbackState	2	0.000	0.000	
codetools\private\dataviewerhelper>upconvertIntegralType	9	0.000	0.000	
...ks.mlwidgets.workspace.MatlabWorkspaceListener.swl (Java method)	2	0.000	0.000	
...dgets.spreadsheet.data.ComplexScalarFactory.valueOf (Java method)	9	0.000	0.000	
com.mathworks.mlwidgets.workspace.WhosInformation (Java method)	1	0.000	0.000	

java.lang.String (Java method)	6	0.000	0.000	
workspacefunc>getclass	1	0.000	0.000	
... toolbox.matlab.webwindow.FocusManager.getInstance (Java method)	2	0.000	0.000	
... s.spreadsheet.data.ValueSummaryFactory.getInstance (Java method)	1	0.000	0.000	
... mathworks.toolbox.matlab.webwindow.FocusManager (Java method)	2	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.