

Profile Summary (Total time: 397.127 s)

Generated 19-May-2025 20:20:21 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
Contribution_matrix	1	397.075	6.997	
integral2	520251	390.078	3.980	
funfun\private\integral2Calc	520251	373.483	1.756	
funfun\private\integral2Calc>integral2t	520251	371.728	35.547	
funfun\private\integral2Calc>integral2t/tensor	2541035	262.114	69.113	
Contribution_matrix>@(x,y)negative(x,y):-positive(x,y)	3061286	183.989	11.223	
...((2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)-qsphere(x,y)).^2).^1.5	3061286	88.387	77.520	
...((2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)+qsphere(x,y)).^2).^1.5	3061286	84.379	74.600	
funfun\private\integral2Calc>integral2t/SaveRectInfo	2541035	64.775	23.822	
funfun\private\integral2Calc>integral2t/AddToLists	2081056	40.952	40.952	
Contribution_matrix>@(x,y)sqrt(1-y.^2-x.^2)	12245144	20.646	20.646	
funfun\private\integral2ParseArgs	520251	12.615	10.043	
funfun\private\integral2Calc>integral2t/NextEntry	2020784	6.614	6.614	
Contribution_matrix>@(x)-1.*sqrt(1-x.^2)	2541035	5.340	5.340	
Contribution_matrix>@(x)sqrt(1-x.^2)	2541035	3.672	3.672	
funfun\private\Gauss3Kronrod7	520251	2.678	2.678	
funfun\private\integral2ParseArgs>validateMethod	520251	1.392	1.392	
funfun\private\integral2ParseArgs>validateAbsTol	520251	0.620	0.620	
funfun\private\integral2ParseArgs>validateRelTol	520251	0.559	0.559	
workspacefunc	20	0.042	0.014	
workspacefunc>getShortValueObjectJ	16	0.019	0.010	
Channel>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.010	0.001	
Channel>Channel.onCustomEvent	2	0.009	0.001	
workspacefunc>num2complex	28	0.008	0.002	
webwindow>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.007	0.001	
webwindow>webwindow.onCustomEvent	2	0.006	0.005	
workspacefunc>createComplexScalar	27	0.003	0.001	
workspacefunc>getWhosInformation	1	0.003	0.003	
workspacefunc>getAbstractValueSummaryJ	1	0.003	0.002	
now	20	0.002	0.001	
workspacefunc>localIsString	16	0.002	0.002	
datenum	20	0.002	0.002	
workspacefunc>localIsDistributedType	17	0.001	0.001	
workspacefunc>getCleanupHandler	1	0.001	0.001	
webwindow>@(varargin)obj.restoreCallbackState(varargin{:})	2	0.001	0.001	
codetools\private\dataviewerhelper	27	0.001	0.001	
...dgets.spreadsheet.data.ComplexScalarFactory.valueOf (Java method)	27	0.001	0.001	
ensureServiceOn	1	0.001	0.001	
webwindow>webwindow.restoreCallbackState	2	0.001	0.001	
CustomEventInfo>CustomEventInfo.CustomEventInfo	2	0.001	0.001	
workspacefunc>getClass	1	0.001	0.001	
usejava	2	0.000	0.000	
...mathworks.mlwidgets.workspace.MatlabWorkspaceListener.swl(sw)	1	0.000	0.000	
codetools\private\dataviewerhelper>upconvertIntegralType	27	0.000	0.000	
...ks.mlwidgets.workspace.MatlabWorkspaceListener.swl (Java method)	2	0.000	0.000	

java.lang.String (Java method)	6	0.000	0.000	
com.mathworks.mlwidgets.workspace.WhosInformation (Java method)	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.