Profile Summary (Total time: 739.516 s)

Generated 19-May-2025 19:43:36 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
Contribution_matrix	1	739.331	13.260	
integral2	984375	726.071	7.727	
funfun\private\integral2Calc	984375	694.392	3.320	
funfun\private\integral2Calc>integral2t	984375	691.072	66.452	
funfun\private\integral2Calc>integral2t/tensor	4715873	486.122	127.206	
Contribution_matrix>@(x,y)negative(x,y)-positive(x,y)	5700248	342.195	21.308	
…((2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)-qsphere(x,y)).^2).^1.5	5700248	164.131	143.818	
…(2.*m.*xg)+x).^2+((2.*m.*yg)+y).^2+((2.*m.*zg)+qsphere(x,y)).^2).^1.5	5700248	156.757	138.391	
funfun\private\integral2Calc>integral2t/SaveRectInfo	4715873	121.589	44.446	
funfun\private\integral2Calc>integral2t/AddToLists	3937552	77.143	77.143	
Contribution_matrix>@(x,y)sqrt(1-y.^2-x.^2)	22800992	38.679	38.679	
funfun\private\integral2ParseArgs	984375	23.952	19.069	
funfun\private\integral2Calc>integral2t/NextEntry	3731498	11.823	11.823	
Contribution_matrix>@(x)-1.*sqrt(1-x.^2)	4715873	9.916	9.916	
Contribution_matrix>@(x)sqrt(1-x.^2)	4715873	6.804	6.804	
funfun\private\Gauss3Kronrod7	984375	5.086	5.086	
funfun\private\integral2ParseArgs>validateMethod	984375	2.624	2.624	
funfun\private\integral2ParseArgs>validateAbsTol	984375	1.167	1.167	
funfun\private\integral2ParseArgs>validateRelTol	984375	1.093	1.093	
workspacefunc	22	0.073	0.018	
getSupportPackageRoot	1	0.067	0.001	
getSupportPackageRootNoCreate	1	0.067	0.001	
SupportPackageRootHandler>SupportPackageRootHandler.getHandler	1	0.063	0.020	
rmpath	1	0.054	0.052	
workspacefunc>num2complex	29	0.030	0.014	
workspacefunc>getShortValueObjectJ	16	0.019	0.012	
getDefaultSprootDir	1	0.013	0.008	
workspacefunc>createComplexScalar	28	0.012	0.010	
Channel>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.011	0.001	
Channel>Channel.onCustomEvent	2	0.010	0.002	
…ootHandler>SupportPackageRootHandler.createSettingWriterReader	1	0.009	0.001	
webwindow>@(source,data)obj.onCustomEvent(data.Type,data.Data)	2	0.007	0.002	
fullfile	4	0.006	0.004	
webwindow>webwindow.onCustomEvent	2	0.006	0.004	
workspacefunc>getWhosInformation	2	0.006	0.006	
getSprootSettingFileLocation	1	0.005	0.001	
getCurrentRelease	1	0.004	0.004	
workspacefunc>getAbstractValueSummaryJ	1	0.003	0.002	
SingleRootHandler>SingleRootHandler.getInstallRootNoCreate	1	0.003	0.002	
now	22	0.002	0.001	
SettingWriterReader>SettingWriterReader.SettingWriterReader	1	0.002	0.001	
codetools\private\dataviewerhelper	28	0.002	0.001	
workspacefunc>localIsString	16	0.002	0.002	
datenum	22	0.002	0.002	
general\private\parsedirs	1	0.002	0.001	

workspacefunc>getCleanupHandler	2	0.001	0.001	
workspacefunc>localIsDistributedType	17	0.001	0.001	
webwindow>@(varargin)obj.restoreCallbackState(varargin{:})	2	0.001	0.001	
fullfile>ensureTrailingFilesep	4	0.001	0.001	
CustomEventInfo>CustomEventInfo.CustomEventInfo	2	0.001	0.001	
…dgets.spreadsheet.data.ComplexScalarFactory.valueOf (Java method)	28	0.001	0.001	
fullfile>refinePath	4	0.001	0.001	
SingleRootHandler>SingleRootHandler.SingleRootHandler	1	0.001	0.000	
fullfile>addTrailingFileSep	4	0.001	0.001	
ensureServiceOn	1	0.001	0.001	
SingleRootHandler>SingleRootHandler.isUsableSproot	1	0.001	0.001	
….mathworks.mlwidgets.workspace.MatlabWorkspaceListener.swl(swl)	2	0.001	0.000	
usejava	2	0.000	0.000	
general\private\catdirs	1	0.000	0.000	
…s.spreadsheet.data.ValueSummaryFactory.getInstance (Java method)	1	0.000	0.000	
webwindow>webwindow.restoreCallbackState	2	0.000	0.000	
codetools\private\dataviewerhelper>upconvertIntegralType	28	0.000	0.000	
isdir	1	0.000	0.000	
…otHandler>SupportPackageRootHandler.SupportPackageRootHandler	1	0.000	0.000	
getReleaseTag	1	0.000	0.000	
…ks.mlwidgets.workspace.MatlabWorkspaceListener.swl (Java method)	4	0.000	0.000	
pathsep	3	0.000	0.000	
getCurrentReleaseInternal	1	0.000	0.000	
…andler>SupportPackageRootHandler.getOverrideSettingWriterReader	1	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	
workspacefunc>getclass	1	0.000	0.000	
…toolbox.matlab.webwindow.FocusManager.getInstance (Java method)	2	0.000	0.000	
getOverrideDefaultSprootDir	1	0.000	0.000	
…rks.mlwidgets.workspace.WhosInformation.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.