

Profile Summary (Total time: 464.750 s)

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Function Name	Calls	Total Time (s)	Self Time* (s)	Total Time Plot (dark band = self time)
VertPolarExactSH	1	464.673	13.430	
project_amplitudes	8111	197.622	0.146	
integral	8111	197.477	0.197	
funfun\private\integralCalc	8111	194.494	0.593	
funfun\private\integralCalc>vadapt	8111	193.902	0.234	
funfun\private\integralCalc>iterateArrayValued	8111	193.492	7.176	
theta_from_cylindrical	17311	192.620	7.350	
my_legendre	7798772	191.135	24.415	
...>@(theta)(ff(theta).*sin(theta)).*collectPl(harmonics_qtt,cos(theta))	1566660	184.361	8.962	
legendre	7798772	166.720	135.739	
collectPl	5169056	165.690	32.371	
..a_generator>@(theta)sum(amplitudes.*collectPl(order,cos(theta)),1)	3583046	121.555	12.638	
...tas)interp1(angles,[psNew(1:nb_contact_points)',0],thetas,'linear',0)	1566660	119.266	12.462	
interp1	1566660	106.804	56.852	
...-sin(theta).^2.*sum(times(A_I,collectdnPl(length(A_I),cos(theta))),1)	1038263	98.085	5.823	
theta_from_cylindrical>@(theta)sin(theta).*(1+zeta(theta))-r(ii)	2375450	87.082	7.024	
calculate_tan	8142	83.352	0.175	
collectdnPl	1231144	74.471	8.541	
legendre_dx	1273001	63.427	7.719	
legendre>multiply	14450114	30.980	30.980	
interp1>parseinputs	1566660	30.426	19.622	
maximum_contact_radius	9169	21.299	0.513	
interp1>reshapeAndSortXandV	1566660	19.526	15.805	
axis	1012	12.333	0.195	
...*(theta)^3.*sum(times(amplitudes,collectdnPl(order,cos(theta),2)),1)	41857	11.270	0.417	
...))-sin(theta).^2.*sum(times(amplitudes,collectdnPl(order,cos(theta))))	92883	9.101	0.590	
solvendDCusp	23245	6.861	6.861	
legendre_ddx	41857	6.732	0.386	
axis>LocSetEqual	1012	6.610	5.416	
interp1>sanitycheckmethod	1566660	5.420	5.420	
interp1>isScalarTextArg	3133320	5.384	5.384	
axis>isnumericAxes	1012	5.322	4.953	
newplotwrapper	3036	5.047	0.261	
newplot	3036	4.772	0.544	
title	1012	4.060	3.334	
interp1>reshapeValuesV	1566660	3.720	3.720	
...).*der(theta))./(cos(theta).*(1+zeta(theta))-sin(theta).^2.*der(theta))	8142	3.335	0.163	
newplot>ObserveAxesNextPlot	3036	3.319	0.265	
cla	1012	3.054	0.140	
funfun\private\integralParseArgs	8111	2.785	2.456	

graphics\private\clo	1012	2.653	2.646	
...heta)sum(amplitudes.*collectdnPI(length(amplitudes),cos(theta)),1)	16284	1.952	0.144	
...xesInteractions>UnifiedAxesInteractions.createDefaultInteractions	5060	1.755	0.903	
funfun\private\integralCalc>AtoBInvTransform	104444	1.696	1.696	
zs_from_spherical	18309	1.651	0.239	
...arController.ToolbarController>@(e,d)obj.handleMouseMotion(e,d)	4	1.541	0.001	
...opToolbarController>DesktopToolbarController.handleMouseMotion	4	1.540	0.011	
...Controller.ToolbarController>ToolbarController.handleMouseMotion	4	1.448	0.020	
hold	2024	1.065	0.621	
..barController.ToolbarController>ToolbarController.getDefaultToolbar	2	1.018	0.058	
solve_ODE_unkown	9154	0.967	0.699	
r_from_spherical	19350	0.789	0.149	
AxesToolbar,AxesToolbar>AxesToolbar,AxesToolbar	2	0.537	0.000	
AxesToolbar,AxesToolbar>AxesToolbar,AxesToolbar	2	0.536	0.200	
getpixelposition	1012	0.516	0.025	
grid	1012	0.514	0.332	
..tPixelPositionHelper>GetPixelPositionHelper.getPixelPositionHelper	1012	0.491	0.425	
objArrayDispatch	4048	0.456	0.296	
gobjects	10120	0.455	0.455	
markFigure	5060	0.450	0.450	
CanvasPlugin.CanvasPlugin>CanvasPlugin.createCanvas	1	0.443	0.185	
...tButton,AxesToolbarButton>AxesToolbarButton,AxesToolbarButton	24	0.420	0.126	
...Controller.ToolbarController>ToolbarController.createToolbarButton	22	0.409	0.041	
...s>UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes	5060	0.400	0.111	
ToolbarButtonRegistry>ToolbarButtonRegistry.getButton	26	0.360	0.055	
zeta_generator	52931	0.339	0.339	
ToolbarPushButton>ToolbarPushButton.ToolbarPushButton	10	0.292	0.003	
ButtonImage.doUpdate	48	0.290	0.030	
...dAxesInteractions>UnifiedAxesInteractions.queuedAxesOperations	5061	0.290	0.290	
UnifiedAxesInteractions>UnifiedAxesInteractions.getCanvas	5060	0.280	0.280	
solve_ODE_unkown>@(jj,field)previous_conditions{jj},(field)	36616	0.268	0.268	
graphics\private\claNotify	1012	0.262	0.210	
ButtonImage.ButtonImage>ButtonImage.getImageData	48	0.245	0.012	
funfun\private\Gauss7Kronrod15	8111	0.231	0.231	
AxesToolbarButton,AxesToolbarButton>AxesToolbarButton.setIcon	46	0.223	0.017	
IconView>IconView.loadImage	25	0.223	0.002	
IconView>IconView.getTrueColorData	25	0.221	0.037	
solveDD0	711	0.216	0.216	
...lbarButton,AxesToolbarButton>AxesToolbarButton.setStandardIcon	51	0.215	0.115	
num2str	2100	0.204	0.057	
funfun\private\integralCalc>checkSpacing	23334	0.183	0.183	
funfun\private\integralCalc>split	8111	0.176	0.176	
ToolbarFactory>ToolbarFactory.getToolbar	1	0.170	0.109	
imresize	25	0.158	0.051	
ToolbarController.ToolbarController>ToolbarController.showToolbar	2	0.158	0.004	

AxesToolBar.doUpdate	3	0.154	0.059	
...arController.ToolbarController>ToolbarController.get.FadeOutTimer	8	0.151	0.003	
...Controller.ToolbarController>ToolbarController.createFadeOutTimer	1	0.147	0.016	
FadeTimer>FadeTimer.FadeTimer	1	0.130	0.080	
ToolBarButtonRegistry>ToolBarButtonRegistry.getContainer	2	0.128	0.030	
ToolBarStateButton>ToolBarStateButton.ToolBarStateButton	12	0.124	0.007	
axis>iscartesian	1012	0.122	0.122	
num2str>handleNumericPrecision	1006	0.111	0.008	
num2str>convertUsingRecycledPrintf	1006	0.103	0.103	
Button.Button>Button.Button	24	0.099	0.043	
InteractionContainer>InteractionContainer.get.Enabled	5062	0.099	0.099	
hggetbehavior	62	0.094	0.008	
CanvasSetup>CanvasSetup.createScribeLayers	1	0.086	0.024	
newplot>ObserveFigureNextPlot	3036	0.085	0.085	
axescheck	2024	0.085	0.058	
TextInteractions>TextInteractions.createAndRegisterTextControl	2024	0.083	0.031	
hggetbehavior>localGet	26	0.082	0.022	
PointerMixin>PointerMixin.updatePointer	6	0.081	0.030	
funfun\private\integralCalc>finalInputChecks	8111	0.076	0.076	
...lbarButton.AxesToolBarButton>AxesToolBarButton.makelconPaths	51	0.075	0.001	
AxesToolBarButton.AxesToolBarButton>makelconPath	51	0.074	0.002	
isPublishingTest	5062	0.072	0.072	
GetPixelPositionHelper>getparent	1012	0.066	0.066	
AxesToolBar.isEnabledForAxes	30	0.066	0.039	
...tackManager.ScribeStackManager>ScribeStackManager.getLayer	6	0.065	0.005	
fullfile	102	0.063	0.022	
ToolBarController.ToolbarController>ToolBarController.hideToolBar	4	0.061	0.003	
flipud	10135	0.061	0.061	
...er.DesktopToolBarController>DesktopToolBarController.getInstance	1	0.061	0.000	
...lbarController>DesktopToolBarController.DesktopToolBarController	1	0.060	0.023	
...ckManager.ScribeStackManager>ScribeStackManager.createLayer	3	0.057	0.033	
FadeTimer>FadeTimer.start	1	0.055	0.009	
hgbehaviorfactory	26	0.055	0.002	
ToolBarDropdown>ToolBarDropdown.ToolBarDropdown	2	0.053	0.016	
hgbehaviorfactory>localCreate	26	0.053	0.037	
TextInteractions>TextInteractions.getCanvas	2024	0.052	0.052	
ControlsGroup>ControlsGroup.doUpdate	6	0.051	0.034	
clearNotify	1011	0.051	0.051	
AxesToolBar.AxesToolBar>AxesToolBar.parentToolBarToAxesPane	2	0.050	0.023	
imresize>parseInputs	25	0.049	0.017	
timer.timer>timer.timer	3	0.047	0.026	
funfun\private\integralParseArgs>validateRelTol	8111	0.042	0.042	
...b.graphics.illustration.ColorBar') isa(obj,'matlab.ui.control.UIAxes')	28992	0.041	0.041	
FadeTimer>@(e,d)this.fade	2	0.041	0.000	

FadeTimer>FadeTimer,fade	2	0.040	0.021	
Button.doUpdate	31	0.040	0.023	
PostUpdatePlugin>@(sourceObj,evtData)obj.cacheLoad(sourceObj)	1	0.040	0.000	
PostUpdatePlugin>PostUpdatePlugin.cacheLoad	1	0.039	0.039	
ToolbarDropdown>ToolbarDropdown.doUpdate	2	0.038	0.010	
timercb	9	0.036	0.019	
int2str	1094	0.036	0.036	
makehgtform	37	0.034	0.027	
timer.start	1	0.034	0.010	
...lbarController.ToolbarController>ToolbarController.doButtonUnhover	5	0.031	0.011	
validateDataType	84	0.030	0.014	
...ontroller.ToolbarController>ToolbarController.setToolbarModeState	2	0.030	0.000	
Backdrop>Backdrop.doUpdate	12	0.030	0.023	
...edModeStrategy>FigureBasedModeStrategy.setToolbarModeState	2	0.030	0.006	
...lbarButton.AxesToolbarButton>AxesToolbarButton.setOverflowIcon	5	0.028	0.001	
funfun\private\integralParseArgs>validateArrayValued	8111	0.028	0.028	
contributions	50	0.027	0.022	
axescheck>@(x)(isStringScalar(x) ischar(x))&&strcmpi('parent',x)	2024	0.027	0.022	
strcat	51	0.027	0.026	
funfun\private\integralParseArgs>validateAbsTol	8111	0.027	0.027	
ToolbarController.ToolbarController>ToolbarController.createListeners	2	0.026	0.001	
FadeGroup>FadeGroup.FadeGroup	4	0.026	0.016	
toolboxdir	51	0.026	0.008	
PointerMixin>PointerMixin.hasDisabledInteractions	6	0.025	0.021	
...ler.ToolbarController>ToolbarController.setToolbarBackgroundColor	2	0.025	0.015	
...ureBasedModeStrategy>FigureBasedModeStrategy.createListeners	2	0.025	0.024	
IconView>IconView.set.Icon	51	0.025	0.012	
ButtonImage.ButtonImage>ButtonImage.ButtonImage	26	0.025	0.012	
graph2d\private\labelcheck	1012	0.025	0.025	
cell.ismember	51	0.024	0.007	
...lbarController.ToolbarController>ToolbarController.ToolbarController	1	0.024	0.023	
AxesToolbar.AxesToolbar>AxesToolbar.togglePickable	5	0.023	0.009	
FadeGroup>FadeGroup.doTransformTrueColorToTrueColor	76	0.022	0.011	
close	1	0.022	0.001	
CanvasPlugin.CanvasPlugin>CanvasPlugin.getInstance	1	0.022	0.021	
ScribeLayer.ScribeLayer>ScribeLayer.ScribeLayer	3	0.022	0.010	
convertStringToCharArgs	1012	0.021	0.021	
ind2rgb	25	0.020	0.008	
imresize>resizeAlongDim	46	0.020	0.019	
close>safegetchildren	1	0.020	0.010	
mustBeMember	2	0.019	0.015	
linspace	1087	0.018	0.018	
ControlsGroup>ControlsGroup.ControlsGroup	4	0.018	0.016	
ToolbarValidator>ToolbarValidator.isValidIcon	46	0.017	0.015	
validateDataType>GetSubscripts	36	0.017	0.006	

Backdrop>Backdrop.Backdrop	6	0.017	0.009	
fliplr	2024	0.017	0.017	
datetime.datetime>datetime.datetime	3	0.015	0.005	
cell.unique	4	0.015	0.005	
mltimerpackage>initPackage	1	0.015	0.005	
AxesToolBar.AxesToolBar>AxesToolBar.getToolBarButtons	12	0.015	0.010	
imresize>fixupSizeAndScale	25	0.015	0.011	
...lbarController,ToolBarController>@(e,d)obj.handleMouseExited(e,d)	2	0.014	0.000	
Button.Button>Button.set.Content	26	0.014	0.011	
...opToolBarController>DesktopToolBarController.handleMouseExited	2	0.014	0.000	
InteractionInfoPanel>InteractionInfoPanel.maybeShow	1	0.014	0.012	
...rController,ToolBarController>ToolBarController.handleMouseExited	2	0.014	0.001	
hgbehaviorfactory>localGetBehaviorInfo	26	0.013	0.013	
transformViewerToWorld	3	0.013	0.010	
isClipboardSupported	4	0.013	0.012	
.olbarController,ToolBarController>ToolBarController.get.ToolTipTimer	5	0.013	0.002	
PointerMixin>PointerMixin.setPointerStrategy	1	0.013	0.012	
mltimerpackage	13	0.012	0.006	
ind2rgb	25	0.012	0.011	
...tesianAxesInteractionContainer,CartesianAxesInteractionContainer	1	0.012	0.001	
timer.timercb	9	0.012	0.006	
ScribeLayer.ScribeLayer>@(src,event)hObj.childAdded(src,event)	2	0.011	0.000	
imresize>parsePreMethodArgs	25	0.011	0.009	
FadeTimer>FadeTimer.stop	2	0.011	0.007	
...arController,ToolBarController>ToolBarController.createTooltipTimer	1	0.011	0.007	
...oolbarButton.AxesToolBarButton>AxesToolBarButton.setParentImpl	44	0.011	0.011	
ScribeLayer.ScribeLayer>ScribeLayer.childAdded	2	0.011	0.010	
getDefaultCamera	2	0.011	0.007	
ButtonImage.ButtonImage>@(e,d)obj.updateCache(e)	75	0.011	0.003	
...andardAxesInteractionContainer,StandardAxesInteractionContainer	1	0.011	0.001	
allchild	1	0.010	0.010	
axis>allAxes	1012	0.010	0.010	
PointerMixin>PointerMixin.getPointerFromObject	2	0.010	0.002	
datetime.minus	1	0.010	0.008	
AnnotationPane.AnnotationPane>AnnotationPane.AnnotationPane	2	0.010	0.001	
AxesToolBar.getBehaviorName	30	0.009	0.009	
...iner>BaseAxesInteractionContainer,BaseAxesInteractionContainer	1	0.009	0.001	
ButtonImage.ButtonImage>ButtonImage.set.ImageSource	26	0.009	0.009	
datetime.datetime>currentTime	3	0.009	0.008	
...DesktopToolBarController>DesktopToolBarController.translateEvent	4	0.009	0.002	
fullfile>refinePath	102	0.009	0.004	
AnnotationPane.AnnotationPane>AnnotationPane.doSetup	2	0.008	0.008	
...oolbarButton.AxesToolBarButton>AxesToolBarButton.getParentImpl	168	0.008	0.008	
InteractionContainer>InteractionContainer.InteractionContainer	1	0.008	0.008	
ButtonImage.ButtonImage>ButtonImage.updateCache	75	0.008	0.008	

timer.timer>timer.set,TimerFcn	2	0.008	0.007	
FadeGroup>blendTrueColorData	76	0.008	0.008	
cell.unique>celluniqueR2012a	4	0.007	0.007	
AxesToolbar,AxesToolbar>AxesToolbar.matchBackgroundColor	2	0.007	0.001	
...seAxesInteractionContainer>BaseAxesInteractionContainer.set,is2d	1012	0.007	0.007	
PointerMixin>PointerMixin.getHitObject	6	0.007	0.006	
hggetbehavior>localPeek	62	0.007	0.007	
ismember	4	0.006	0.001	
makehgtform>matrixMultiply	68	0.006	0.006	
AxesToolbar,AxesToolbar>AxesToolbar.addChild	20	0.006	0.005	
isprop	14	0.006	0.003	
AxesToolbar,AxesToolbar>AxesToolbar.setBackgroundColor	2	0.006	0.004	
...utton,AxesToolbarButton>AxesToolbarButton.set,BackgroundColor	26	0.006	0.002	
getSpatialTransforms	3	0.006	0.006	
IconView>IconView.setDPIScale	48	0.006	0.004	
cubic	50	0.006	0.006	
...ller.DesktopToolbarController>DesktopToolbarController.getHitAxes	4	0.006	0.006	
FadeTimer>@(e,d)this.timercb	9	0.006	0.001	
...s.ToolbarButton,AxesToolbarButton>AxesToolbarButton.set,Position	21	0.006	0.006	
isStringScalar	2024	0.006	0.006	
VertPolarExactSH>@(n)sqrt(n.*(n+2).*(n-1))./1)	226	0.005	0.005	
ismember>ismemberR2012a	4	0.005	0.002	
timer.timer>timer.set,ObjectVisibility	1	0.005	0.005	
ToolbarController,ToolbarController>ToolbarController.inActiveArea	2	0.005	0.001	
fullfile>fixIRI	102	0.005	0.005	
ToolbarDropdown>ToolbarDropdown.doGetChildren	12	0.005	0.005	
...sktopToolbarController>DesktopToolbarController.canShowToolbar	4	0.005	0.001	
com.mathworks.timer.TimerTask (Java method)	9	0.005	0.005	
AxesToolbar,AxesToolbar>AxesToolbar.set,Opacity	6	0.005	0.005	
AxesToolbar,AxesToolbar>AxesToolbar.getParentImpl	64	0.005	0.005	
FadeTimer>FadeTimer.get,Running	8	0.005	0.002	
...tackManager.ScribeStackManager>ScribeStackManager.findLayer	21	0.005	0.005	
AxesToolbar,AxesToolbar>AxesToolbar.setToolbarPosition	2	0.004	0.003	
FadeTimer>FadeTimer.timercb	9	0.004	0.004	
stringToChar	25	0.004	0.002	
ToolbarButtonRegistry>ToolbarButtonRegistry.getInstance	20	0.004	0.002	
...olbarButton,AxesToolbarButton>AxesToolbarButton.togglePickable	60	0.004	0.004	
timer,stop	2	0.004	0.003	
fullfile>ensureTrailingFilesep	102	0.004	0.001	
ToolbarDropdown>ToolbarDropdown.addChild	10	0.004	0.003	
isCharOrString	1012	0.004	0.004	
ToolbarStateButton>ToolbarStateButton.set,Value	12	0.004	0.003	
ToolbarController,ToolbarController>ToolbarController.isOverToolbar	2	0.004	0.001	
...ager.ScribeStackManager>ScribeStackManager.getDefaultCamera	2	0.004	0.001	

ControlsGroup>ControlsGroup.addChild	14	0.004	0.004	
+internal\private\combineTransforms	3	0.004	0.001	
timer.timer>timer.get.Running	15	0.003	0.001	
PointerMixin>PointerMixin.getAxes3D	2	0.003	0.003	
...arController.ToolbarController>@(s,e)obj.fadeOut(1-s.CurrentFade)	2	0.003	0.000	
PointerMixin>PointerMixin.getEnabledByBehavior	2	0.003	0.001	
isprop>hasProp	14	0.003	0.003	
IconDropDownView>IconDropDownView.addDecoration	2	0.003	0.003	
PointerMixin>PointerMixin.createModelListener	6	0.003	0.002	
ButtonImage.ButtonImage>ButtonImage.set.Layer	26	0.003	0.003	
FadeGroup>FadeGroup.getParentColorSpace	76	0.003	0.003	
ToolbarButtonRegistry>ToolbarButtonRegistry.createRegistration	16	0.003	0.003	
PointerMixin>PointerMixin.isModeEnabled	6	0.003	0.002	
fullfile>addTrailingFileSep	102	0.003	0.003	
...nt_conditions,deformation_velocities(idx)/(f(idx)+1e-30)*sin(f(idx)*t)	75	0.003	0.002	
ToolbarController.ToolbarController>ToolbarController.fadeOut	2	0.003	0.000	
...ton.AxesToolbarButton>AxesToolbarButton.doSetBackgroundColor	26	0.003	0.003	
timer.timer>timer.getJobObjects	14	0.003	0.003	
FadeGroup>FadeGroup.doUpdate	8	0.003	0.003	
IconView>IconView.IconView	26	0.003	0.002	
ButtonImage.ButtonImage>ButtonImage.applyAlpha	48	0.003	0.003	
ToolbarButtonRegistry>ToolbarButtonRegistry.isValidButtonForAxes	26	0.003	0.003	
ToolbarController.ToolbarController>ToolbarController.fade	2	0.003	0.002	
ismember>ismemberClassTypes	2	0.002	0.002	
partialMatchString	4	0.002	0.002	
ToolbarButtonRegistry>ToolbarButtonRegistry.createRegistryMaps	1	0.002	0.001	
timer.timer>timer.getProperty	15	0.002	0.002	
...in>@(sourceObj,evtData)obj.processInteractions(evtData.Canvas)	1	0.002	0.000	
findFirstParamString	25	0.002	0.002	
ButtonImage.ButtonImage>ButtonImage.getImageRatios	48	0.002	0.002	
deriveScaleFromSize	25	0.002	0.002	
+internal\private\combineTransforms>getCameraViewport	3	0.002	0.002	
isUIFigure	8	0.002	0.002	
PostUpdatePlugin>PostUpdatePlugin.processInteractions	1	0.002	0.001	
isPureNearestNeighborComputation	96	0.002	0.002	
DataCursorBehavior>DataCursorBehavior.DataCursorBehavior	24	0.002	0.001	
imresize>preprocessImage	25	0.002	0.001	
stringToChar>@(x)convertToChar(x)	50	0.002	0.001	
imresize>fixupSize	25	0.002	0.002	
imresize>scaleOrSize	25	0.002	0.002	
FadeTimer>FadeTimer.isvalidTimer	15	0.002	0.002	
ToolbarButtonRegistry>ToolbarButtonRegistry.createMapping	2	0.002	0.002	
imresize>warnIfPostMethodArgs	25	0.002	0.002	
imresize>findMethodArg	25	0.002	0.002	
...nterModeStrategy>FigurePointerModeStrategy.createModelListener	6	0.002	0.002	

Button,Button>Button.set.FaceType	24	0.002	0.002	
...oolbarController.DesktopToolbarController>isAxesToolbarExcluded	4	0.002	0.002	
AnnotationPane.AnnotationPane>AnnotationPane.setParentImpl	2	0.002	0.001	
PointerMixin>PointerMixin.getInvisibleAxes	8	0.002	0.002	
Button,Button>Button.set.Layer	24	0.001	0.001	
isAxesHit	2	0.001	0.001	
imresize>postprocessImage	25	0.001	0.001	
.olbarController.ToolbarController>ToolbarController.canShowToolbar	4	0.001	0.001	
blanks	51	0.001	0.001	
ToolbarDropdown>ToolbarDropdown.doSetBackgroundColor	3	0.001	0.001	
mustBeFinite	53	0.001	0.001	
AxesToolbar.AxesToolbar>localGetCanvasContainingAncestor	6	0.001	0.001	
...ePointerModeStrategy>FigurePointerModeStrategy.isModeEnabled	6	0.001	0.001	
ind2rgbPreProcess	25	0.001	0.001	
@timer\private\isJavaTimer	4	0.001	0.001	
IconDropdownView>IconDropdownView.IconDropdownView	2	0.001	0.000	
ismember>ismemberBuiltinTypes	2	0.001	0.001	
Button,Button>Button.set.BorderType	24	0.001	0.001	
ToolbarDropdown>ToolbarDropdown.setParentImpl	4	0.001	0.001	
PostUpdatePlugin>PostUpdatePlugin.PostUpdatePlugin	1	0.001	0.001	
isMatchingSize	4	0.001	0.001	
settings	5	0.001	0.000	
fullfile>@(x)~iscell(x)&&isempty(x)	408	0.001	0.001	
ToolTipMixin>ToolTipMixin.hideToolTip	61	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.addChild	4	0.001	0.001	
Backdrop>Backdrop.set.Color	10	0.001	0.001	
timer,timer>makeDefaultJobObject	2	0.001	0.001	
...lbarController.ToolbarController>ToolbarController.getCanvasFigure	5	0.001	0.001	
...ackManager.ScribeStackManager>ScribeStackManager.hasLayers	3	0.001	0.001	
Button,Button>Button.checkColorSpaceDependency	24	0.001	0.001	
getViewPortInDevicePixels	2	0.001	0.001	
PointerMixin>PointerMixin.allowsPanBeforeZoom	2	0.001	0.001	
DataCursorBehavior>DataCursorBehavior.dosupport	24	0.001	0.001	
duration,duration>duration.fromMillis	1	0.001	0.001	
datetime.datetime>datetime.getsetLocalTimeZone	3	0.001	0.001	
AxesToolbarButton.AxesToolbarButton>AxesToolbarButton.unhover	60	0.001	0.001	
mustBeGreaterThanOrEqual	18	0.001	0.001	
timer,timer>timer.set.Period	1	0.001	0.001	
PrintBehavior>PrintBehavior.PrintBehavior	2	0.001	0.001	
...asedModeStrategy>FigureBasedModeStrategy.hasFigureChanged	2	0.001	0.001	
Backdrop>Backdrop.set.Layer	6	0.001	0.001	
ScribeLayer.ScribeLayer>ScribeLayer.checkValidity	3	0.001	0.001	
mltimerpackage>addToList	2	0.001	0.001	
ControlsGroup>ControlsGroup.set.Anchor	2	0.001	0.001	
imresize>parseParamValuePairs	25	0.001	0.001	

PostUpdatePlugin>isAxesToolbarExcluded	2	0.001	0.001	
stringToChar>convertToChar	50	0.001	0.001	
Control>Control.Control	34	0.001	0.001	
..._ontroller.ToolbarController>ToolbarController.getLayoutInformation	2	0.001	0.001	
setPointer	6	0.001	0.001	
mustBeLessThanOrEqualTo	17	0.001	0.001	
Backdrop>Backdrop.setPickableParts	6	0.001	0.001	
settings	5	0.001	0.001	
IconView>IconView.addDecoration	49	0.001	0.001	
ToolbarStateButton>ToolbarStateButton.get.Value	27	0.001	0.001	
getSettingsRoot	6	0.001	0.001	
imresizemex (MEX-file)	46	0.001	0.001	
AnnotationPane.AnnotationPane>AnnotationPane.getParentImpl	6	0.001	0.001	
imresize>checkForMissingOutputArgument	25	0.001	0.000	
timer.timer>makeFromJobObject	1	0.001	0.001	
HGBehavior>HGBehavior.HGBehavior	26	0.001	0.001	
imresize>isInputIndexed	75	0.001	0.001	
timer.timer>timer.set.Name	5	0.001	0.001	
PointerMixin>PointerMixin.hasUserModifiedPointer	6	0.001	0.001	
IconView>IconView.set.Selected	12	0.001	0.001	
timer.timer>timer.set.ExecutionMode	1	0.001	0.001	
...pToolbarController>DesktopToolbarController.axesHandleVisibleOff	2	0.001	0.001	
ToolbarDropdown>ToolbarDropdown.doClose	5	0.001	0.001	
strlengh	4	0.001	0.001	
dimensionOrder	25	0.001	0.001	
iscategorical	150	0.001	0.001	
mpower	7	0.001	0.001	
ToolTipMixin>ToolTipMixin.ToolTipMixin	22	0.001	0.001	
@timer\private\validateAndGetCallbackFcnType	2	0.001	0.001	
AxesToolbar.AxesToolbar>AxesToolbar.get.Opacity	8	0.001	0.001	
...ata>ProcessInteractionsEventData.ProcessInteractionsEventData	4	0.001	0.001	
...arController.ToolbarController>ToolbarController.setCurrentToolbar	4	0.001	0.001	
usejava	2	0.001	0.001	
ToolbarFactory>ToolbarFactory.getInstance	1	0.001	0.000	
ImageSource>ImageSource.ImageSource	26	0.001	0.001	
...esktopToolbarController>DesktopToolbarController.isPlotEditMode	4	0.001	0.001	
PrintBehavior>PrintBehavior.dosupport	2	0.000	0.000	
ModeManagerListener>ModeManagerListener.ModeManagerListener	2	0.000	0.000	
datetime.datetime>canonicalizeTZforLocal	1	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.set.ToolbarAnchorPoint	2	0.000	0.000	
timer.timer>timer.set.StartDelay	1	0.000	0.000	
ChildEventData>ChildEventData.ChildEventData	2	0.000	0.000	
resizeAllDimUsingNearestNeighbor	2	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.setParentImpl	4	0.000	0.000	
...ckManager.ScribeStackManager>ScribeStackManager.getInstance	1	0.000	0.000	

isenum	2	0.000	0.000	
AxesToolbar.AxesToolbar>AxesToolbar.redrawToolbar	3	0.000	0.000	
mustBeNumeric	5	0.000	0.000	
datetime.arithUtil	1	0.000	0.000	
ToolbarController.ToolbarController>ToolbarController.isInLayout	2	0.000	0.000	
...deStrategy>FigureBasedModeStrategy.FigureBasedModeStrategy	1	0.000	0.000	
...eStrategy>FigurePointerModeStrategy.FigurePointerModeStrategy	1	0.000	0.000	
mustBePositive	3	0.000	0.000	
close>getEmptyHandleList	1	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy.getCanvasFigure	2	0.000	0.000	
mustBeValidGraphicsObject	2	0.000	0.000	
PostUpdatePlugin>localGetCanvasContainingAncestor	2	0.000	0.000	
mustBeNonnegative	2	0.000	0.000	
allchild>@()set(rootobj,'ShowHiddenHandles',Temp)	1	0.000	0.000	
...ButtonRegistry>ToolbarButtonRegistry.createContainerRegistration	2	0.000	0.000	
isWebAppServer	4	0.000	0.000	
ScribeLayer.ScribeLayer>ScribeLayer.findCanvas	2	0.000	0.000	
allchild>getchildren	1	0.000	0.000	
CanvasPlugin.CanvasPlugin>CanvasPlugin.CanvasPlugin	1	0.000	0.000	
duration.duration>duration.duration	1	0.000	0.000	
InteractionInfoPanel>InteractionInfoPanel.hasBeenOpened	1	0.000	0.000	
timercb	1	0.000	0.000	
uitools\private\allchildRootHelper	1	0.000	0.000	
...s.ToolbarButton.AxesToolbarButton>AxesToolbarButton.getPosition	2	0.000	0.000	
datetime.datetime>datetime.isEmpty	1	0.000	0.000	
duration.duration>duration.seconds	1	0.000	0.000	
...oller.ToolbarController>ToolbarController.getButtonStateFromMode	2	0.000	0.000	
ExecutionModeEnum>ExecutionModeEnum.ExecutionModeEnum	4	0.000	0.000	
isFigureShowEnabled	2	0.000	0.000	
ToolbarController.ToolbarController>ToolbarController.getHitAxes	4	0.000	0.000	
hasDisplay	2	0.000	0.000	
ObjectVisibilityEnum>ObjectVisibilityEnum.ObjectVisibilityEnum	2	0.000	0.000	
timer.timer>timer.getStartDelayInMiliSec_internal	1	0.000	0.000	
ToolbarFactory>ToolbarFactory.ToolbarFactory	1	0.000	0.000	
timer.timer>timer.getPeriodMiliSec_internal	1	0.000	0.000	
...er.ScribeStackManager>ScribeStackManager.ScribeStackManager	1	0.000	0.000	
close>request_close	1	0.000	0.000	
close>checkfigs	1	0.000	0.000	
ToolbarButtonRegistry>ToolbarButtonRegistry.ToolbarButtonRegistry	1	0.000	0.000	
AbstractModeStrategy>AbstractModeStrategy.AbstractModeStrategy	1	0.000	0.000	
PointerMixin>PointerMixin.PointerMixin	1	0.000	0.000	
PointerModeStrategy>PointerModeStrategy.PointerModeStrategy	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.