

## Profile Summary (Total time: 204.928 s)

Generated 10-Mar-2025 22:45:00 using performance time.

Function Name	Calls	Total Time (s) ↓	Self Time* (s)	Total Time Plot (dark band = self time)
<a href="#">sunEarthJupiterGallileanMoonsSimulation</a>	1	204.922	0.364	
<a href="#">UniverseSimulation&gt;UniverseSimulation.runSimulation</a>	1	195.543	0.178	
<a href="#">Universe&gt;Universe.timePropagateUniverse</a>	8760	195.365	0.689	
<a href="#">Universe&gt;Universe.calculateDeltaT</a>	35040	161.867	5.119	
<a href="#">SphericalMass&gt;SphericalMass.calculateDeltaTfromForceSource</a>	1471680	71.822	14.072	
<a href="#">SphericalMassDelta&gt;SphericalMassDelta.SphericalMassDelta</a>	3679200	66.768	40.630	
<a href="#">SphericalMassDelta&gt;SphericalMassDelta.plus</a>	1655640	51.828	22.020	
<a href="#">Universe&gt;Universe.getMassiveBody</a>	2084901	33.926	23.083	
<a href="#">SphericalMass&gt;SphericalMass.getForceDensityGeneratedByBody</a>	1471680	26.806	8.186	
<a href="#">mustBeNumeric</a>	22548342	18.161	18.161	
<a href="#">mustBeReal</a>	22548342	17.265	17.265	
<a href="#">Universe&gt;Universe.plus</a>	35040	14.401	1.547	
<a href="#">SphericalMass&gt;SphericalMass.get.radius</a>	1471687	14.158	2.471	
<a href="#">nthroot</a>	1471687	11.688	11.688	
<a href="#">UniverseDelta&gt;UniverseDelta.mtimes</a>	43800	10.571	1.223	
<a href="#">UniverseDelta&gt;UniverseDelta.plus</a>	26280	7.801	1.226	
<a href="#">SphericalMass&gt;SphericalMass.calculateDeltaTself</a>	245280	7.597	2.363	
<a href="#">SphericalMassDelta&gt;SphericalMassDelta.mtimes</a>	306600	7.422	1.985	
<a href="#">SphericalMass&gt;SphericalMass.plus</a>	245280	6.623	1.324	
<a href="#">UniverseSimulation&gt;UniverseSimulation.plot</a>	1	4.933	0.156	
<a href="#">UniverseDelta&gt;UniverseDelta.addDelta</a>	735840	4.855	4.855	
<a href="#">mustBePositive</a>	3907018	4.277	4.277	
<a href="#">saveas</a>	3	3.680	0.157	
<a href="#">...eltaInterface&gt;MassiveBodyDeltaInterface.MassiveBodyDeltaInterface</a>	3679200	3.596	3.596	
<a href="#">Universe&gt;Universe.getNumberMassiveBodies</a>	2190030	2.934	2.934	
<a href="#">MassiveBodyInterface&gt;MassiveBodyInterface.setPosition</a>	245287	2.807	2.016	
<a href="#">MassiveBodyInterface&gt;MassiveBodyInterface.setVelocity</a>	245287	2.537	1.752	
<a href="#">print</a>	2	2.509	0.141	
<a href="#">axis</a>	1	2.281	0.568	
<a href="#">printing\private\alternatePrintPath</a>	2	2.179	0.051	
<a href="#">Universe&gt;Universe.Universe</a>	35041	2.093	0.531	
<a href="#">mustBeNonzero</a>	2146271	1.950	1.950	
<a href="#">UniverseSimulation&gt;UniverseSimulation.getCurveSingleMassiveBody</a>	7	1.848	0.226	
<a href="#">Universe&gt;Universe.addMassiveBody</a>	245287	1.562	1.562	
<a href="#">CanvasPlugin.CanvasPlugin&gt;CanvasPlugin.createCanvas</a>	1	1.173	0.553	
<a href="#">printing\private\printingGenerateOutput</a>	2	0.978	0.066	
<a href="#">printing\private\alternatePrintPath&gt;printSetup</a>	2	0.836	0.053	
<a href="#">general\private\saveasfig</a>	1	0.783	0.016	
<a href="#">savefig</a>	1	0.767	0.454	
<a href="#">Universe&gt;Universe.plot</a>	1	0.634	0.003	

<a href="#">SphericalMass&gt;SphericalMass.plot</a>	7	0.630	0.305	
<a href="#">printing\private\printjobContentChanges</a>	4	0.554	0.129	
<a href="#">mlprintjob&gt;mlprintjob.writeRaster</a>	2	0.546	0.020	
<a href="#">UniverseSimulation&gt;UniverseSimulation.getSingleTimeframe</a>	61335	0.540	0.278	
<a href="#">imwrite</a>	2	0.511	0.032	
<a href="#">imagesci\private\writepng</a>	2	0.473	0.149	
<a href="#">printing\private\printingGenerateOutput&gt;LocalGenerateRasterOutput</a>	2	0.363	0.001	
<a href="#">...ting\private\printingGenerateOutput&gt;LocalCallgenerateGraphicsOutput</a>	2	0.362	0.040	
<a href="#">ToolbarFactory&gt;ToolbarFactory.getToolbar</a>	1	0.355	0.176	
<a href="#">printing\private\alternatePrintPath&gt;@().printCleanup(pj.pt)</a>	2	0.312	0.000	
<a href="#">printing\private\alternatePrintPath&gt;printCleanup</a>	2	0.311	0.016	
<a href="#">axis&gt;isnumericAxes</a>	1	0.274	0.202	
<a href="#">CanvasSetup&gt;CanvasSetup.createScribeLayers</a>	1	0.260	0.049	
<a href="#">convertDatum</a>	2	0.250	0.096	
<a href="#">mlprintjob&gt;mlprintjob.setPaintDisabled</a>	4	0.246	0.090	
<a href="#">printing\private\printjobContentChanges&gt;localUpdateColorsIfNeeded</a>	4	0.239	0.016	
<a href="#">printing\private\modifyColorsForPrint</a>	4	0.223	0.024	
<a href="#">logDDUXInfo</a>	2	0.218	0.001	
<a href="#">logDDUXInfo&gt;logDDUXInfoHelper</a>	2	0.218	0.051	
<a href="#">close</a>	2	0.215	0.003	
<a href="#">...ibeStackManager.ScribeStackManager&gt;ScribeStackManager.getLayer</a>	4	0.212	0.099	
<a href="#">printing\private\adjustbackground</a>	4	0.199	0.071	
<a href="#">UniverseDelta&gt;UniverseDelta.UniverseDelta</a>	105120	0.181	0.181	
<a href="#">..._roller.DesktopToolbarController&gt;DesktopToolbarController.getInstance</a>	1	0.180	0.001	
<a href="#">..._ToolbarController&gt;DesktopToolbarController.DesktopToolbarController</a>	1	0.179	0.064	
<a href="#">printing\private\alternatePrintPath&gt;doCleanup</a>	2	0.176	0.007	
<a href="#">printjob</a>	4	0.166	0.068	
<a href="#">findall</a>	39	0.144	0.115	
<a href="#">close&gt;request_close</a>	2	0.144	0.022	
<a href="#">FigFile.write</a>	1	0.142	0.133	
<a href="#">table.table&gt;table.getPropertyNamesList</a>	1	0.141	0.139	
<a href="#">...ghtweightContainerFactory\$FigurePanelContainerLight (Java method)</a>	4	0.125	0.125	
<a href="#">..._ackManager.ScribeStackManager&gt;ScribeStackManager.createLayer</a>	3	0.110	0.076	
<a href="#">closereq</a>	1	0.108	0.099	
<a href="#">printing\private\useOriginalHGPrinting</a>	12	0.106	0.016	
<a href="#">CanvasPlugin.CanvasPlugin&gt;CanvasPlugin.getInstance</a>	1	0.104	0.103	
<a href="#">...iedAxesInteractions&gt;UnifiedAxesInteractions.createDefaultInteractions</a>	9	0.098	0.078	
<a href="#">SphericalMass&gt;SphericalMass.SphericalMass</a>	7	0.097	0.029	
<a href="#">mlprintjob&gt;mlprintjob.generateGfxOutput</a>	2	0.092	0.089	
<a href="#">useOriginalHGPrinting</a>	12	0.090	0.021	
<a href="#">hold</a>	28	0.085	0.042	
<a href="#">logDDUXInfo&gt;populateForalternatePrintPath</a>	2	0.085	0.003	
<a href="#">logDDUXInfo&gt;logDDUXInfoHelper/compareAndDoLogData</a>	2	0.081	0.024	
<a href="#">print&gt;LocalCreatePrintJob</a>	2	0.081	0.053	
<a href="#">logDDUXInfo&gt;localCheckHasUI</a>	2	0.081	0.001	

<a href="#">datum</a>	6	0.080	0.046	
<a href="#">mlprintjob&gt;mlprintjob.containsUIElements</a>	2	0.080	0.080	
<a href="#">printing\private\modifyUnitsForPrint</a>	4	0.080	0.002	
<a href="#">mlprintjob&gt;mlprintjob.modifyUnitsForPrint</a>	4	0.078	0.012	
<a href="#">printing\private\fireprintbehavior</a>	4	0.076	0.017	
<a href="#">printtables</a>	6	0.075	0.037	
<a href="#">isSLorSF</a>	18	0.073	0.019	
<a href="#">datetime.datetime&gt;datetime.datetime</a>	2	0.071	0.048	
<a href="#">ToolbarController.ToolbarController&gt;ToolbarController.ToolbarController</a>	1	0.070	0.069	
<a href="#">close&gt;safegetchildren</a>	2	0.067	0.020	
<a href="#">UniverseSimulation&gt;UniverseSimulation.getNumberTimeframes</a>	61343	0.066	0.066	
<a href="#">InteractionContainer&gt;InteractionContainer.InteractionContainer</a>	3	0.063	0.004	
<a href="#">..._artesianAxesInteractionContainer.CartesianAxesInteractionContainer</a>	1	0.063	0.002	
<a href="#">printing\private\alternatePrintPath&gt;LocalUpdateViewer</a>	2	0.062	0.038	
<a href="#">PostUpdatePlugin&gt;@(sourceObj,evtData)obj.cacheLoad(sourceObj)</a>	1	0.061	0.001	
<a href="#">PostUpdatePlugin&gt;PostUpdatePlugin.cacheLoad</a>	1	0.061	0.060	
<a href="#">..._StandardAxesInteractionContainer.StandardAxesInteractionContainer</a>	1	0.061	0.001	
<a href="#">..._tainer&gt;BaseAxesInteractionContainer.BaseAxesInteractionContainer</a>	1	0.059	0.000	
<a href="#">firePrintBehavior</a>	4	0.059	0.024	
<a href="#">InteractionContainer&gt;InteractionContainer.set.InteractionsArrayMode</a>	3	0.058	0.002	
<a href="#">objectsystem\private\hgsaveStructClass</a>	1	0.058	0.036	
<a href="#">logData</a>	1	0.057	0.057	
<a href="#">..._tainer&gt;CartesianAxesInteractionContainer.getDefaultInteractionsArray</a>	1	0.056	0.055	
<a href="#">printing\private\alternatePrintPath&gt;LocalRestoreOldProps</a>	2	0.055	0.028	
<a href="#">isslhandle</a>	18	0.054	0.054	
<a href="#">axis&gt;LocSetEqual</a>	1	0.054	0.022	
<a href="#">printing\private\ptpreparehg</a>	2	0.054	0.020	
<a href="#">metaDim&gt;metaDim.metaDim</a>	1	0.049	0.035	
<a href="#">mlprintjob&gt;mlprintjob.mlprintjob</a>	4	0.045	0.038	
<a href="#">newplotwrapper</a>	14	0.044	0.027	
<a href="#">PointerMixin&gt;PointerMixin.setPointerStrategy</a>	1	0.043	0.043	
<a href="#">printing\private\alternatePrintPath&gt;LocalUpdateRenderer</a>	2	0.039	0.030	
<a href="#">allchild</a>	10	0.036	0.027	
<a href="#">xlim</a>	1	0.034	0.030	
<a href="#">printing\private\printingAxesTickLabelUpdate</a>	2	0.034	0.019	
<a href="#">printing\private\postProcessPrinttables</a>	6	0.033	0.023	
<a href="#">datevec</a>	2	0.033	0.003	
<a href="#">name</a>	2	0.032	0.029	
<a href="#">printing\private\setGraphicsProperty</a>	18	0.029	0.029	
<a href="#">Scribelayer.Scribelayer&gt;Scribelayer.Scribelayer</a>	3	0.029	0.017	
<a href="#">datetime.datetime&gt;datetime.char</a>	2	0.028	0.028	
<a href="#">cell.setdiff</a>	2	0.027	0.001	
<a href="#">Scribelayer.Scribelayer&gt;@(src,event)hObj_childAdded(src,event)</a>	1	0.026	0.001	
<a href="#">setdiff</a>	2	0.026	0.004	
<a href="#">mlprintjob&gt;mlprintjob.getJavaContainer</a>	6	0.026	0.025	

<a href="#">printing\private\validate</a>	2	0.026	0.021	
<a href="#">ScribeLayer.ScribeLayer&gt;ScribeLayer.childAdded</a>	1	0.026	0.025	
<a href="#">getpixelposition</a>	1	0.026	0.014	
<a href="#">cell.setdiff&gt;cellsetdiffR2012a</a>	2	0.026	0.006	
<a href="#">unique</a>	6	0.026	0.009	
<a href="#">objArrayDispatch</a>	28	0.024	0.021	
<a href="#">printing\private\inputcheck</a>	2	0.024	0.006	
<a href="#">datetime.subsref</a>	2	0.023	0.023	
<a href="#">printing\private\printjobUpdateForOutput</a>	2	0.023	0.022	
<a href="#">setdiff&gt;setdiffR2012a</a>	2	0.023	0.008	
<a href="#">datevec&gt;getformat</a>	2	0.021	0.007	
<a href="#">fullfile</a>	5	0.020	0.007	
<a href="#">timefun\private\dateformverify</a>	4	0.020	0.004	
<a href="#">datetime.convertFrom</a>	2	0.019	0.019	
<a href="#">printing\private\checkArgsForHandleToPrint</a>	4	0.019	0.004	
<a href="#">cell.unique</a>	4	0.019	0.018	
<a href="#">currentProject</a>	1	0.019	0.001	
<a href="#">SphericalMass&gt;SphericalMass.setMass</a>	7	0.019	0.017	
<a href="#">mlprintjob&gt;mlprintjob.modifyUnitsForPrint/getObjWithUnits</a>	2	0.018	0.010	
<a href="#">Channel&gt;@(source,data)obj.onCustomEvent(data.Type,data.Data)</a>	4	0.018	0.001	
<a href="#">newplot</a>	14	0.018	0.007	
<a href="#">Channel&gt;Channel.onCustomEvent</a>	4	0.017	0.003	
<a href="#">timefun\private\formatdate</a>	4	0.016	0.013	
<a href="#">unique&gt;uniqueR2012a</a>	6	0.016	0.016	
<a href="#">savefig&gt;localGetHandleAndFile</a>	1	0.016	0.014	
<a href="#">updateSelectionState</a>	4	0.015	0.005	
<a href="#">printing\private\checkArgsForHandleToPrint&gt;LocalCheckHandles</a>	4	0.015	0.015	
<a href="#">prepareFigureForPrint</a>	2	0.015	0.014	
<a href="#">Project&gt;Project.Project</a>	1	0.015	0.002	
<a href="#">varNamesDim&gt;varNamesDim.varNamesDim</a>	1	0.014	0.001	
<a href="#">ismember</a>	9	0.014	0.003	
<a href="#">printing\private\alternatePrintPath&gt;LocalFindContainers</a>	4	0.014	0.006	
<a href="#">mlprintjob&gt;mlprintjob.imwriteArgsForRaster</a>	2	0.014	0.002	
<a href="#">close&gt;request_close_helper</a>	2	0.014	0.010	
<a href="#">printing\private\ptstorehg</a>	2	0.014	0.013	
<a href="#">cnv2icudf</a>	8	0.013	0.013	
<a href="#">axescheck</a>	28	0.013	0.003	
<a href="#">webwindow&gt;@(source,data)obj.onCustomEvent(data.Type,data.Data)</a>	4	0.013	0.001	
<a href="#">printing\private\getDeprecatedDeviceList</a>	8	0.012	0.012	
<a href="#">GetPixelPositionHelper&gt;GetPixelPositionHelper.getPixelPositionHelper</a>	1	0.012	0.011	
<a href="#">datestr</a>	2	0.011	0.003	
<a href="#">webwindow&gt;webwindow.onCustomEvent</a>	4	0.011	0.008	
<a href="#">ismember&gt;ismemberR2012a</a>	9	0.011	0.006	
<a href="#">varNamesDim&gt;varNamesDim.dfltLabels</a>	1	0.011	0.011	
<a href="#">TextInteractions&gt;TextInteractions.createAndRegisterTextControl</a>	12	0.011	0.008	

<a href="#">metaDim&gt;metaDim.makeValidName</a>	1	0.011	0.010	
<a href="#">markFigure</a>	31	0.010	0.010	
<a href="#">repmat</a>	26	0.010	0.003	
<a href="#">axescheck&gt;@(x)(isStringScalar(x)  ischar(x))&amp;&amp;strcmpi('parent',x)</a>	28	0.010	0.009	
<a href="#">imagesci\private\writepng&gt;parseInputs</a>	2	0.010	0.009	
<a href="#">printEnhanceTextures&gt;printEnhanceTextures,needEnhanceOutput</a>	2	0.010	0.001	
<a href="#">FigFile.write&gt;localGetV2Data</a>	1	0.009	0.009	
<a href="#">AnnotationPane,AnnotationPane&gt;AnnotationPane.getParentImpl</a>	190	0.009	0.009	
<a href="#">gobjects</a>	56	0.009	0.009	
<a href="#">findall&gt;showHiddenHandlesToFindAllHandles</a>	39	0.009	0.009	
<a href="#">strcat</a>	3	0.009	0.008	
<a href="#">AnnotationPane,AnnotationPane&gt;AnnotationPane.doGetChildren</a>	156	0.009	0.009	
<a href="#">UnsupportedInUifigure</a>	2	0.008	0.007	
<a href="#">string,strcat</a>	3	0.008	0.002	
<a href="#">AnnotationPane,AnnotationPane&gt;AnnotationPane.AnnotationPane</a>	2	0.008	0.002	
<a href="#">...beStackManager.ScribeStackManager&gt;ScribeStackManager.findLayer</a>	19	0.008	0.008	
<a href="#">axis&gt;iscartesian</a>	1	0.008	0.008	
<a href="#">repmat</a>	26	0.007	0.007	
<a href="#">...tions&gt;UnifiedAxesInteractions.queueCreateDefaultInteractionsOnAxes</a>	9	0.007	0.003	
<a href="#">...actions&gt;UnifiedAxesInteractions.createInteractionsForTitlesAndLabels</a>	9	0.006	0.001	
<a href="#">AnnotationPane,AnnotationPane&gt;AnnotationPane.doSetup</a>	2	0.006	0.005	
<a href="#">rulerFunctions</a>	2	0.006	0.005	
<a href="#">printing\private\adjustbackground&gt;LocalLabelColor</a>	8	0.006	0.005	
<a href="#">...teractionContainer&gt;TextInteractionContainer,TextInteractionContainer</a>	2	0.006	0.002	
<a href="#">imwrite&gt;parse_inputs</a>	2	0.006	0.002	
<a href="#">cell.strcat</a>	3	0.006	0.006	
<a href="#">Project&gt;Project.addWorkingFolderProperties</a>	1	0.006	0.003	
<a href="#">InteractionOptions&gt;InteractionOptions.InteractionOptions</a>	1	0.006	0.006	
<a href="#">mlprintjob&gt;mlprintjob.tostruct</a>	2	0.005	0.005	
<a href="#">printUtility&gt;printUtility.getAxesAllRulers</a>	2	0.005	0.005	
<a href="#">allchild&gt;getchildren</a>	10	0.005	0.005	
<a href="#">...ractions&gt;UnifiedAxesInteractions.createCartesianAxesTextInteractions</a>	9	0.005	0.004	
<a href="#">hggetbehavior</a>	8	0.005	0.003	
<a href="#">validatestring</a>	4	0.005	0.002	
<a href="#">findall&gt;@().set(rootobj,'ShowHiddenHandles',Temp)</a>	39	0.004	0.004	
<a href="#">fileparts</a>	8	0.004	0.002	
<a href="#">tabularDimension&gt;tabularDimension.init</a>	3	0.004	0.004	
<a href="#">imformats</a>	4	0.004	0.002	
<a href="#">PostUpdatePlugin&gt;PostUpdatePlugin.PostUpdatePlugin</a>	1	0.004	0.003	
<a href="#">printing\private&gt;getDefaultDeviceList</a>	8	0.004	0.004	
<a href="#">...er.ScribeLayer&gt;@(src,event)hObj,childRemovedOrDeleted(src,event)</a>	1	0.004	0.001	
<a href="#">isprop</a>	4	0.004	0.002	
<a href="#">processJavaCall</a>	4	0.004	0.003	
<a href="#">mlprintjob&gt;mlprintjob.usesJava</a>	10	0.004	0.004	
<a href="#">parseArgs</a>	2	0.004	0.004	

<a href="#">printing\private\validateHandleToPrint</a>	2	0.004	0.002	
<a href="#">UnifiedAxesInteractions&gt;UnifiedAxesInteractions.queuedAxesOperations</a>	10	0.004	0.004	
<a href="#">Scribelayer.Scribelayer&gt;Scribelayer.childRemovedOrDeleted</a>	1	0.003	0.003	
<a href="#">mlprintjob&gt;mlprintjob.resetTemp</a>	6	0.003	0.003	
<a href="#">getDatetimeSettings</a>	4	0.003	0.002	
<a href="#">strmatch</a>	2	0.003	0.003	
<a href="#">isPrintingSupported</a>	4	0.003	0.001	
<a href="#">rmfield</a>	7	0.003	0.003	
<a href="#">ismember&gt;ismemberBuiltinTypes</a>	6	0.003	0.003	
<a href="#">SphericalMass&gt;SphericalMass.setDensity</a>	7	0.003	0.003	
<a href="#">mlprintjob&gt;mlprintjob.wasFigureClosed</a>	4	0.003	0.003	
<a href="#">printing\private\handleSimulinkPrinting</a>	2	0.003	0.000	
<a href="#">CurrentProjectContainer&gt;iGetControlSet</a>	2	0.003	0.000	
<a href="#">printing\private\inputcheck&gt;LocalCheckForDeprecation</a>	4	0.003	0.001	
<a href="#">fileparts&gt;legacyPCExecution</a>	8	0.003	0.003	
<a href="#">...ntProjectContainer&gt;CurrentProjectContainer.CurrentProjectContainer</a>	1	0.003	0.001	
<a href="#">ProjectInstance&gt;ProjectInstance.getProjectRoot</a>	1	0.003	0.000	
<a href="#">removeChartChildren</a>	2	0.003	0.003	
<a href="#">mlprintjob&gt;mlprintjob.getCopyOptionsPreferences</a>	2	0.003	0.003	
<a href="#">newplot&gt;ObserveAxesNextPlot</a>	14	0.003	0.003	
<a href="#">UnifiedAxesInteractions&gt;UnifiedAxesInteractions.getCanvas</a>	9	0.003	0.003	
<a href="#">printing\private\alternatePrintPath&gt;LocalSaveOldProps</a>	2	0.003	0.003	
<a href="#">...\private\printingGenerateOutput&gt;LocalAddHeaderInfoToPrintJobStruct</a>	2	0.003	0.002	
<a href="#">FigureUtils&gt;FigureUtils.isEditorSnapshotFigure</a>	9	0.003	0.003	
<a href="#">isCharOrString</a>	12	0.003	0.003	
<a href="#">varNamesDim&gt;varNamesDim.init</a>	1	0.002	0.000	
<a href="#">mlprintjob&gt;mlprintjob.isPrintDriver</a>	6	0.002	0.002	
<a href="#">ToolbarController.ToolbarController&gt;@(e.d)obj.delete()</a>	1	0.002	0.001	
<a href="#">objectsystem\private\hgsaveObject</a>	1	0.002	0.002	
<a href="#">hggetbehavior&gt;localPeek</a>	8	0.002	0.002	
<a href="#">isprop&gt;hasProp</a>	4	0.002	0.002	
<a href="#">allchild&gt;@().set(rootobj,'ShowHiddenHandles',Temp)</a>	10	0.002	0.002	
<a href="#">AnnotationPane.AnnotationPane&gt;AnnotationPane.setParentImpl</a>	2	0.002	0.002	
<a href="#">printing\private\getframeWithDecorationsShortcut</a>	2	0.002	0.001	
<a href="#">num2cell</a>	12	0.002	0.002	
<a href="#">printing\private\checkImageSizeForPrint</a>	2	0.002	0.001	
<a href="#">fullfile&gt;refinePath</a>	5	0.002	0.002	
<a href="#">ismember&gt;ismemberClassTypes</a>	3	0.002	0.002	
<a href="#">DataIdentification&gt;DataIdentification.DataIdentification</a>	1	0.002	0.001	
<a href="#">ProjectInstance&gt;ProjectInstance.ProjectInstance</a>	1	0.002	0.001	
<a href="#">Capability&gt;Capability.isSupported</a>	4	0.002	0.001	
<a href="#">...tProjectContainer&gt;CurrentProjectContainer.getJavaProjectControlSet</a>	1	0.002	0.000	
<a href="#">imformats&gt;find_in_registry</a>	4	0.002	0.002	
<a href="#">validatestring&gt;checkString</a>	4	0.002	0.002	
<a href="#">ylim</a>	1	0.002	0.000	

<a href="#">fullfile&gt;ensureTrailingFileSep</a>	5	0.002	0.001	
<a href="#">ScribeLayer.ScribeLayer&gt;ScribeLayer.delete</a>	3	0.002	0.002	
<a href="#">printopt</a>	4	0.002	0.002	
<a href="#">cellstr</a>	4	0.002	0.002	
<a href="#">processSaveArguments</a>	1	0.002	0.001	
<a href="#">mlprintjob&gt;mlprintjob.isPaperPositionModeAuto</a>	4	0.002	0.002	
<a href="#">TextInteractions&gt;TextInteractions.getCanvas</a>	12	0.002	0.002	
<a href="#">partialMatchString</a>	4	0.002	0.002	
<a href="#">autoSwitchToPaintersForPrint</a>	2	0.002	0.002	
<a href="#">webwindow&gt;@(varargin)obj.restoreCallbackState(varargin{:})</a>	4	0.001	0.001	
<a href="#">uitools\private\allchildRootHelper</a>	10	0.001	0.001	
<a href="#">...StackManager.ScribeStackManager&gt;ScribeStackManager.hasLayers</a>	3	0.001	0.001	
<a href="#">ControlManager&gt;ControlManager.sendPVPairsToControl</a>	9	0.001	0.001	
<a href="#">close&gt;getEmptyHandleList</a>	4	0.001	0.001	
<a href="#">ProjectInstance&gt;ProjectInstance.getJavaProjectManager</a>	1	0.001	0.000	
<a href="#">imagesci\private\writepng&gt;CheckTextItem</a>	2	0.001	0.001	
<a href="#">newplot&gt;ObserveFigureNextPlot</a>	14	0.001	0.001	
<a href="#">table.table&gt;table.table</a>	1	0.001	0.000	
<a href="#">fullfile&gt;addTrailingFileSep</a>	5	0.001	0.001	
<a href="#">Callback&gt;Callback.execute</a>	1	0.001	0.000	
<a href="#">TextInteractionContainer&gt;TextInteractionContainer.updateInteractions</a>	2	0.001	0.000	
<a href="#">usejava</a>	5	0.001	0.001	
<a href="#">...rentProjectContainer&gt;CurrentProjectContainer.getJavaProjectManager</a>	1	0.001	0.000	
<a href="#">...sInteractionSet&gt;DefaultAxesInteractionSet.DefaultAxesInteractionSet</a>	1	0.001	0.001	
<a href="#">printing\private\adjustGridLineStyle</a>	4	0.001	0.001	
<a href="#">PositionUtils&gt;PositionUtils.getPixelRectangleInPlatformPixels</a>	2	0.001	0.001	
<a href="#">printing\private\adjustbackground&gt;matrix2color</a>	12	0.001	0.001	
<a href="#">isUIFigure</a>	3	0.001	0.001	
<a href="#">prepareFigureFor</a>	2	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalHasSceneViewer</a>	4	0.001	0.001	
<a href="#">printing\private\isfigure</a>	10	0.001	0.001	
<a href="#">convertJavaCollectionToCellArray</a>	1	0.001	0.001	
<a href="#">CustomEventInfo&gt;CustomEventInfo.CustomEventInfo</a>	4	0.001	0.001	
<a href="#">...ntjob&gt;@( )matlab.graphics.internal.mlprintjob.doCleanup(cleanupData)</a>	2	0.001	0.001	
<a href="#">settings</a>	1	0.001	0.000	
<a href="#">..hannel&gt;@(source.data)obj.onPropertyChanged(data.Name,data.Value)</a>	2	0.001	0.001	
<a href="#">mlprintjob&gt;mlprintjob.checkImageSizeForPrint</a>	4	0.001	0.001	
<a href="#">..owserService&gt;@(varargin)obj.handleWindowResizingEvent(varargin{:})</a>	1	0.001	0.000	
<a href="#">printEnhanceTextures&gt;printEnhanceTextures.getInstance</a>	2	0.001	0.001	
<a href="#">printtables&gt;localBuildOptions</a>	6	0.001	0.001	
<a href="#">...etProperty(x,'GetMethod',@(obj)getWorkingFolderValue(obj,x.Name))</a>	4	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalSaveAxesOldProps</a>	2	0.001	0.001	
<a href="#">isFigureShowEnabled</a>	12	0.001	0.001	
<a href="#">imwrite&gt;validateSizes</a>	2	0.001	0.001	
<a href="#">tabular.tabular&gt;tabular.tabular</a>	1	0.001	0.001	

<a href="#">webwindow&gt;webwindow.restoreCallbackState</a>	4	0.001	0.001	
<a href="#">InteractionContainer&gt;InteractionContainer.get.Enabled</a>	9	0.001	0.001	
<a href="#">AnnotationPane.AnnotationPane&gt;AnnotationPane.addChild</a>	2	0.001	0.001	
<a href="#">printing\private\adjustbackground&gt;@(x,y)get(x,y)</a>	12	0.001	0.001	
<a href="#">isPublishingTest</a>	11	0.001	0.001	
<a href="#">gcbf</a>	2	0.001	0.001	
<a href="#">InteractionContainer&gt;InteractionContainer.get.InteractionsArray</a>	2	0.001	0.001	
<a href="#">BrowserService&gt;BrowserService.handleWindowResizingEvent</a>	1	0.001	0.000	
<a href="#">Capability&gt;Capability.Current</a>	4	0.001	0.001	
<a href="#">...objectContainer&gt;CurrentProjectContainer.getMatlabAPIProjectManager</a>	1	0.001	0.000	
<a href="#">close&gt;@()set(0,'ShowHiddenHandles',oldUDDShowHiddenHandles)</a>	1	0.001	0.001	
<a href="#">opaque.char</a>	1	0.001	0.001	
<a href="#">printing\private\printjobContentChanges&gt;localHandleNoUIFlag</a>	4	0.001	0.001	
<a href="#">FigureUtils&gt;FigureUtils.isEditorEmbeddedFigure</a>	9	0.001	0.001	
<a href="#">...hics.controls.internal.PostUpdatePlugin.doCacheLoad(canvasParent)</a>	1	0.001	0.001	
<a href="#">PostUpdatePlugin&gt;isAxesToolbarExcluded</a>	1	0.001	0.001	
<a href="#">ToolbarController.ToolbarController&gt;ToolbarController.delete</a>	1	0.001	0.001	
<a href="#">...Interactions&gt;UnifiedAxesInteractions.setDefaultBehaviorForTextArray</a>	9	0.001	0.001	
<a href="#">logDDUXInfo&gt;getWidthAndHeightFromPJ</a>	2	0.001	0.001	
<a href="#">...erty(x,'SetMethod',@(obj,val)setWorkingFolderValue(obj,x.Name,val))</a>	4	0.001	0.000	
<a href="#">convertStringToCharArgs</a>	2	0.001	0.001	
<a href="#">ToolbarFactory&gt;ToolbarFactory.getInstance</a>	1	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalValidatePrintJob</a>	2	0.001	0.001	
<a href="#">validatestring&gt;checkInputs</a>	4	0.001	0.001	
<a href="#">settings</a>	1	0.001	0.001	
<a href="#">tabularDimension&gt;tabularDimension.checkDuplicateLabels</a>	1	0.001	0.001	
<a href="#">Identification&gt;Identification.Identification</a>	1	0.001	0.001	
<a href="#">datetime.subsrefDot</a>	2	0.001	0.001	
<a href="#">...atlabAPIFacadeFactory.getMatchingControlSetFacade(projectFolder)</a>	2	0.001	0.001	
<a href="#">com.mathworks.hg.peer.HG2FigurePeer (Java method)</a>	2	0.001	0.001	
<a href="#">ChildEventData&gt;ChildEventData.ChildEventData</a>	1	0.001	0.001	
<a href="#">...ModeStrategy&gt;FigureBasedModeStrategy.FigureBasedModeStrategy</a>	1	0.001	0.001	
<a href="#">FigFile.FigFile&gt;FigFile.set.Format2Data</a>	1	0.001	0.000	
<a href="#">...ics.illustration.Legend')  isa(obj,'matlab.graphics.illustration.ColorBar')</a>	70	0.001	0.001	
<a href="#">...odeStrategy&gt;FigurePointerModeStrategy.FigurePointerModeStrategy</a>	1	0.001	0.001	
<a href="#">mpower</a>	26	0.001	0.001	
<a href="#">webwindow&gt;webwindow.isMaximized</a>	1	0.001	0.000	
<a href="#">setProperty</a>	8	0.001	0.001	
<a href="#">rowNamesDim&gt;rowNamesDim.rowNamesDim</a>	1	0.001	0.001	
<a href="#">...tackManager.ScribeStackManager&gt;ScribeStackManager.getInstance</a>	1	0.001	0.001	
<a href="#">rulerFunctions&gt;parseFunctionName</a>	2	0.001	0.001	
<a href="#">isDesktopAvailable</a>	1	0.001	0.000	
<a href="#">printing\private\adjustbackground&gt;color2matrix</a>	12	0.001	0.001	
<a href="#">printing\private\inputcheck&gt;LocalCheckDevice</a>	2	0.001	0.000	
<a href="#">Project&gt;@(x)obj.addprop(x)</a>	4	0.001	0.001	



<a href="#">isStringScalar</a>	28	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalDealWithResizeFcn</a>	2	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalRestoreAxesOldProps</a>	2	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalUpdateContainsTex</a>	2	0.001	0.001	
<a href="#">mustBeValidGraphicsObject</a>	4	0.001	0.001	
<a href="#">...\private\alternatePrintPath&gt;@().ensureRendererSettingConsistency(pj)</a>	2	0.001	0.000	
<a href="#">isScalarText</a>	4	0.001	0.001	
<a href="#">getprinttemplate</a>	4	0.001	0.001	
<a href="#">printing\private\alternatePrintPath&gt;LocalGetSceneViewer</a>	4	0.001	0.001	
<a href="#">getFigureJavaFrame</a>	2	0.001	0.001	
<a href="#">webwindow&gt;webwindow.isMaximized</a>	1	0.001	0.000	
<a href="#">mlprintjob&gt;mlprintjob.modifyUnitsForPrint/updatePixelFontUnits</a>	2	0.001	0.001	
<a href="#">printing\private\printingConvertToExportStyle</a>	2	0.001	0.000	
<a href="#">...\private\printingGenerateOutput&gt;localsPrintHeaderHeaderSpecEmpty</a>	2	0.001	0.001	
<a href="#">GetPixelPositionHelper&gt;getparent</a>	1	0.001	0.001	
<a href="#">repmat&gt;checkSizesType</a>	52	0.001	0.001	
<a href="#">FigFile, FigFile&gt;FigFile.set, Format3Data</a>	1	0.001	0.000	
<a href="#">PointerMixin&gt;PointerMixin.delete</a>	1	0.000	0.000	
<a href="#">is_simulink_loaded</a>	18	0.000	0.000	
<a href="#">MassiveBodyInterface&gt;MassiveBodyInterface.MassiveBodyInterface</a>	7	0.000	0.000	
<a href="#">javachk</a>	1	0.000	0.000	
<a href="#">printtemplate</a>	2	0.000	0.000	
<a href="#">CanvasPlugin.CanvasPlugin&gt;CanvasPlugin.CanvasPlugin</a>	1	0.000	0.000	
<a href="#">printing\private\restoreExport</a>	2	0.000	0.000	
<a href="#">metaDim&gt;metaDim.checkReservedNames</a>	1	0.000	0.000	
<a href="#">blanks</a>	3	0.000	0.000	
<a href="#">validateVariableNameLength</a>	1	0.000	0.000	
<a href="#">ScribeLayer.ScribeLayer&gt;ScribeLayer.findCanvas</a>	2	0.000	0.000	
<a href="#">processSaveArguments&gt;localsValidHGArray</a>	1	0.000	0.000	
<a href="#">mlprintjob&gt;mlprintjob.setOutputDeviceInfo</a>	2	0.000	0.000	
<a href="#">printHelper&gt;printHelper.requestGCIfNeeded</a>	2	0.000	0.000	
<a href="#">printing\private\alternatePrintPath&gt;LocalWarnIfScalingUI</a>	2	0.000	0.000	
<a href="#">Channel&gt;Channel.onPropertyChanged</a>	2	0.000	0.000	
<a href="#">close&gt;checkfigs</a>	3	0.000	0.000	
<a href="#">FigFile, FigFile&gt;FigFile.set, FigFormat</a>	1	0.000	0.000	
<a href="#">printing\private\blt</a>	2	0.000	0.000	
<a href="#">mlprintjob&gt;@(x)~isempty(x)</a>	10	0.000	0.000	
<a href="#">FigFile, FigFile&gt;localVerifyStruct</a>	1	0.000	0.000	
<a href="#">updateSelectionState&gt;setSelected</a>	4	0.000	0.000	
<a href="#">TableProperties&gt;TableProperties.TableProperties</a>	1	0.000	0.000	
<a href="#">mlprintjob&gt;mlprintjob.needCheckForImageSize</a>	4	0.000	0.000	
<a href="#">printing\private\validate&gt;locIsPageFormatOrPrinter</a>	2	0.000	0.000	
<a href="#">generall\private\isfigure</a>	3	0.000	0.000	
<a href="#">Project&gt;@(obj, ProjectContainer, getMatlabAPIProjectManager())</a>	1	0.000	0.000	
<a href="#">printing\private\printingConvertToExportStyle&gt;localInitializeStyle</a>	2	0.000	0.000	

<a href="#">hasDisplay</a>	2	0.000	0.000	
<a href="#">axis&gt;allAxes</a>	1	0.000	0.000	
<a href="#">mlprintjob&gt;mlprintjob.doCleanup</a>	2	0.000	0.000	
<a href="#">ScribeLayer.ScribeLayer&gt;ScribeLayer.checkValidity</a>	1	0.000	0.000	
<a href="#">webwindow&gt;webwindow.errorOnInvalidWindow</a>	1	0.000	0.000	
<a href="#">fullfile&gt;@(x)~iscell(x)&amp;&amp;isempty(x)</a>	12	0.000	0.000	
<a href="#">FigFile.FigFile&gt;localDefaultV2Struct</a>	2	0.000	0.000	
<a href="#">CustomProperties&gt;CustomProperties.CustomProperties</a>	1	0.000	0.000	
<a href="#">mlprintjob&gt;mlprintjob.LocalGetDPI</a>	2	0.000	0.000	
<a href="#">FigFile.FigFile&gt;localVerifyObject</a>	1	0.000	0.000	
<a href="#">datetime.datetime&gt;initDateFieldsStructure</a>	1	0.000	0.000	
<a href="#">getSetCmdExecutionTypeIdle</a>	1	0.000	0.000	
<a href="#">printEnhanceTextures&gt;printEnhanceTextures.printEnhanceTextures</a>	1	0.000	0.000	
<a href="#">printing\private\alternatePrintPath&gt;LocalDoTransparentBackground</a>	2	0.000	0.000	
<a href="#">numberedNames</a>	1	0.000	0.000	
<a href="#">...atlabAPIFacadeFactory.getMatchingControlSetFacade</a> (Java method)	2	0.000	0.000	
<a href="#">PostUpdatePlugin&gt;PostUpdatePlugin.doCacheLoad</a>	1	0.000	0.000	
<a href="#">...ab.graphics.illustration.ColorBar')  isa(ax,'matlab.graphics.chart.Chart')</a>	2	0.000	0.000	
<a href="#">...ect,project,matlab.api.MatlabAPIMatlabProjectManager</a> (Java method)	2	0.000	0.000	
<a href="#">mlprintjob&gt;mlprintjob.getOutputDevice</a>	2	0.000	0.000	
<a href="#">convertJavaCollectionToCellArray&gt;@(x)x</a>	5	0.000	0.000	
<a href="#">...@(x)validateattributes(x',{'char','double','string','datetime'},{'nonempty'})</a>	2	0.000	0.000	
<a href="#">imagesc\private\writepng&gt;@(x)validateattributes(x',{'double'},{'scalar'})</a>	4	0.000	0.000	
<a href="#">UnsupportedInUifigure&gt;@()lastwarn(lastmsg,lastid)</a>	2	0.000	0.000	
<a href="#">...toolbox.matlab.webwindow.FocusManager.getInstance</a> (Java method)	2	0.000	0.000	
<a href="#">IndexingContext&gt;IndexingContext.IndexingContext</a>	3	0.000	0.000	
<a href="#">...ePrintPath&gt;LocalUpdateRenderer/ensureRendererSettingConsistency</a>	2	0.000	0.000	
<a href="#">BaseInteractionSet&gt;BaseInteractionSet.BaseInteractionSet</a>	1	0.000	0.000	
<a href="#">RedefinesParen.RedefinesParen&gt;RedefinesParen.RedefinesParen</a>	1	0.000	0.000	
<a href="#">...ontainer&gt;@()MatlabAPIMatlabProjectManager(obj,ProjectRootFolder)</a>	1	0.000	0.000	
<a href="#">PostUpdatePlugin&gt;localGetCanvasContainingAncestor</a>	1	0.000	0.000	
<a href="#">TabularProperties&gt;TabularProperties.TabularProperties</a>	1	0.000	0.000	
<a href="#">ToolbarFactory&gt;ToolbarFactory.ToolbarFactory</a>	1	0.000	0.000	
<a href="#">FigFile.FigFile&gt;FigFile.set.RequiredMatlabVersion</a>	1	0.000	0.000	
<a href="#">...tepng&gt;@(x)validateattributes(x',{'char','string'},{'nonempty','scalartext'})</a>	4	0.000	0.000	
<a href="#">datestr&gt;getdateform</a>	2	0.000	0.000	
<a href="#">...ager.ScribeStackManager&gt;ScribeStackManager.ScribeStackManager</a>	1	0.000	0.000	
<a href="#">...odCall&gt;OverridesPublicDotMethodCall.OverridesPublicDotMethodCall</a>	1	0.000	0.000	
<a href="#">UnsupportedInUifigure&gt;@()warning(w)</a>	2	0.000	0.000	
<a href="#">...ractionContainer&gt;TextInteractionContainer.getDefaultInteractionsArray</a>	4	0.000	0.000	
<a href="#">savefig&gt;locallsFigureArray</a>	1	0.000	0.000	
<a href="#">saveLoadCompatibility&gt;saveLoadCompatibility.saveLoadCompatibility</a>	3	0.000	0.000	
<a href="#">FigFile.FigFile&gt;FigFile.FigFile</a>	1	0.000	0.000	
<a href="#">tabularDimension&gt;tabularDimension.tabularDimension</a>	3	0.000	0.000	
<a href="#">...g,peer.PaintDisabled.isChildOfPaintDisabledContainer</a> (Java method)	2	0.000	0.000	

<a href="#">varNamesDim&gt;varNamesDim.orientAs</a>	1	0.000	0.000	
<a href="#">UniverseSimulation&gt;UniverseSimulation.UniverseSimulation</a>	1	0.000	0.000	
<a href="#">GraphicsObjects&gt;GraphicsObjects.GraphicsObjects</a>	1	0.000	0.000	
<a href="#">PointerModeStrategy&gt;PointerModeStrategy.PointerModeStrategy</a>	1	0.000	0.000	
<a href="#">AbstractModeStrategy&gt;AbstractModeStrategy.AbstractModeStrategy</a>	1	0.000	0.000	
<a href="#">privateConstructorInputValidate</a>	2	0.000	0.000	
<a href="#">PointerMixin&gt;PointerMixin.PointerMixin</a>	1	0.000	0.000	
<a href="#">...mathworks.toolbox.matlab.webwindow.FocusManager</a> (Java method)	2	0.000	0.000	
<a href="#">PositionUtils&gt;PositionUtils.getPlatformPixelUnits</a>	2	0.000	0.000	
<a href="#">tabularDimension&gt;tabularDimension.checkReservedNamesImpl</a>	1	0.000	0.000	
<a href="#">datetime.datetime&gt;datetime.numArgumentsFromSubscript</a>	2	0.000	0.000	
<a href="#">...ct.project.matlab.api.MatlabAPIProjectManagerFacade</a> (Java method)	2	0.000	0.000	
<a href="#">java.util.ArrayList\$Itr</a> (Java method)	11	0.000	0.000	
<a href="#">...project.matlab.api.MatlabAPIProjectControlSetFacade</a> (Java method)	2	0.000	0.000	
<a href="#">...otParen.RedefinesDotParen&gt;RedefinesDotParen.RedefinesDotParen</a>	1	0.000	0.000	
<a href="#">FigFile.FigFile&gt;locallsHG</a>	1	0.000	0.000	
<a href="#">metaDim&gt;metaDim.orientAs</a>	1	0.000	0.000	
<a href="#">...matlab.api.MatlabAPIUtils.getAvailableLabelDataTypes</a> (Java method)	1	0.000	0.000	
<a href="#">java.util.ArrayList</a> (Java method)	2	0.000	0.000	
<a href="#">ProjectContainer&gt;ProjectContainer.ProjectContainer</a>	1	0.000	0.000	
<a href="#">RedefinesDot.RedefinesDot&gt;RedefinesDot.RedefinesDot</a>	1	0.000	0.000	
<a href="#">RedefinesBrace.RedefinesBrace&gt;RedefinesBrace.RedefinesBrace</a>	1	0.000	0.000	
<a href="#">java.io.File</a> (Java method)	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.