

Profile Summary

Generated 01-May-2017 14:02:48 using performance time.

Function Name	Calls	Total Time	Self Time *	Total Time Plot (dark band = self time)
Camera>Camera.optimize_bundle	47	287.250 s	0.900 s	
LMFnlsq	656	228.728 s	5.297 s	
Camera>Camera.optimize_bundle/ef2	127647	207.722 s	20.513 s	
LMFnlsq>getAv	15830	186.651 s	1.848 s	
LMFnlsq>finjac	15830	184.803 s	2.060 s	
Camera>Camera.update_bundle	132910	120.955 s	25.737 s	
Camera>Camera.set.fullmodel	132910	84.668 s	56.326 s	
Camera>Camera.projerror_bundle	132762	82.442 s	7.963 s	
Camera>Camera.projerror	132764	66.470 s	6.665 s	
Camera>Camera.project	132770	59.811 s	6.607 s	
Camera>Camera.projerror_lines	292	56.069 s	8.690 s	
Camera>Camera.camera2image	134438	34.104 s	9.524 s	
resamplePolyline	943	33.499 s	33.351 s	
Camera>Camera.distort	134438	24.580 s	24.580 s	
Camera>Camera.world2camera	134439	20.575 s	16.042 s	
Camera>Camera.optimize_bundle/ef	5092	11.699 s	1.155 s	
pdist2	291	11.528 s	0.120 s	
stats/private/pdist2mex (MEX-file)	291	11.371 s	11.371 s	
Camera>Camera.get.fullmodel	132910	10.551 s	10.551 s	
hgfeval	1448	8.893 s	0.155 s	
Camera>Camera.set.imgsz	132909	7.674 s	6.125 s	
...otionCallback(obj.evd,valueProposed))	1368	7.431 s	0.043 s	
...uimode>localEvaluateMotionCallback	1368	7.388 s	0.036 s	
help	2	5.781 s	0.013 s	
helpProcess.prepareHelpForDisplay	2	5.424 s	0.004 s	
helpProcess.getOverloadsLink	2	5.044 s	0.004 s	
getOverloads	4	4.977 s	0.011 s	

getOverloads>getQualifiedName	63	4.874 s	0.006 s	
getOverloads>getMCOSSeperator	63	4.850 s	4.821 s	
displayOverloads	2	4.830 s	0.002 s	
...Overloads>getOverloadTextToDisplay	2	4.828 s	0.002 s	
Camera>Camera.get.R	134701	4.549 s	4.549 s	
Camera>Camera.set.xyz	132910	3.698 s	3.698 s	
Camera>Camera.set.viewdir	132909	3.632 s	3.632 s	
Camera>Camera.set.k	132908	3.591 s	3.591 s	
Camera>Camera.set.p	132908	3.571 s	3.571 s	
Camera>Camera.set.f	132909	3.093 s	3.093 s	
...cWindowButtonMotionFcn(obj,evd,hMode)	727	3.093 s	0.015 s	
Camera>Camera.set.c	132909	3.083 s	3.083 s	
pan>locWindowButtonMotionFcn	727	3.078 s	0.140 s	
hitAxes	1259	2.840 s	0.784 s	
imshow	2	2.803 s	0.083 s	
deal	133165	2.653 s	2.653 s	
initSize	2	2.580 s	0.025 s	
movegui	2	2.517 s	2.477 s	
...obj,evd)localMotionFcn(obj,evd,hMode)	456	2.117 s	0.010 s	
zoom>localMotionFcn	456	2.107 s	0.376 s	
pan>locFindAxes	747	2.079 s	0.062 s	
validateAndSetLimits	176	2.010 s	2.006 s	
...ionFcn(fig,e,ax,hMode,buttonDownData)	166	1.948 s	0.008 s	
pan>locPanWindowMotionFcn	166	1.940 s	0.104 s	
pan>locDataPan	166	1.780 s	0.038 s	
Camera>Camera.invproject	262	1.589 s	0.108 s	
Camera>Camera.update_c	132909	1.548 s	1.548 s	
Camera>Camera.image2camera	262	1.392 s	0.146 s	
findall	1324	1.287 s	0.773 s	
Camera>Camera.undistort	262	1.246 s	1.246 s	
zoom>locFindAxes	480	1.228 s	0.021 s	

Camera>Camera.clip_line_inview	726	1.091 s	0.133 s	
...ntrol>localModeWindowButtonDownFcn	32	1.004 s	0.002 s	
uimode.modeWindowButtonDownFcn	32	1.001 s	0.039 s	
Image>Image.read	2	0.950 s	0.003 s	
Camera>Camera.inview	726	0.874 s	0.232 s	
imread	2	0.840 s	0.007 s	
imagesci/private/readjpg	2	0.800 s	0.002 s	
imagesci/private/rjpg8c (MEX-file)	2	0.759 s	0.759 s	
putdowntext	9	0.720 s	0.028 s	
setPointer	1075	0.676 s	0.391 s	
uimode.modeWindowButtonUpFcn	32	0.667 s	0.050 s	
...calWindowButtonDownFcn(obj.evd,hMode)	12	0.647 s	0.001 s	
zoom>localWindowButtonDownFcn	12	0.646 s	0.006 s	
...backFcn>localModeWindowButtonUpFcn	23	0.630 s	0.002 s	
zoom>localStartDrag	12	0.613 s	0.010 s	
zoom	7	0.509 s	0.019 s	
is2D	2367	0.496 s	0.146 s	
zoom>localApplyZoomFactor	7	0.427 s	0.004 s	
zoom>localZoomFactor2D	7	0.420 s	0.006 s	
getViewportInDevicePixels	1259	0.385 s	0.385 s	
helpProcess.getReferenceLink	2	0.373 s	0.004 s	
helpProcess.getDocTopic	2	0.367 s	0.003 s	
getDocTopic	2	0.363 s	0.362 s	
is2D>testOneAxes	2367	0.350 s	0.350 s	
zoom>localBoundPostProcessAndSet2DLimits	10	0.348 s	0.003 s	
Camera>Camera.inframe	1668	0.341 s	0.341 s	
zoom>localPostProcessAndSet2DLimits	10	0.339 s	0.008 s	
helpProcess.getHelpText	2	0.331 s	0.001 s	
helpProcess.getTopicHelpText	2	0.329 s	0.065 s	
...>showHiddenHandlesToFindAllHandles	1324	0.300 s	0.300 s	
hggetbehavior	2436	0.300 s	0.073 s	

getPointerCData	1075	0.285 s	0.285 s	
zoom>localCreate2DUndo	12	0.281 s	0.011 s	
...ButtonUpFcn(o,e,hMode,buttonDownData)	3	0.278 s	0.001 s	
zoom>local2DButtonUpFcn	3	0.277 s	0.013 s	
uigetmodemanager	170	0.266 s	0.241 s	
activateuimode	9	0.263 s	0.008 s	
isAxesHit	1259	0.253 s	0.253 s	
...ager>uimodemanager.set.CurrentMode	9	0.237 s	0.002 s	
...nUpFcn(fig,e,ax,hMode,buttonDownData)	20	0.235 s	0.002 s	
uimodemanager.uimodemanager>localSetMode	9	0.235 s	0.008 s	
pan>locWindowButtonUpFcn	20	0.234 s	0.025 s	
...locWindowButtonDownFcn(obj,evd,hMode)	20	0.233 s	0.001 s	
pan>locWindowButtonDownFcn	20	0.232 s	0.029 s	
resolveName	2	0.230 s	0.003 s	
hggetbehavior>localPeek	2436	0.227 s	0.227 s	
NameResolver.executeResolve	2	0.225 s	0.007 s	
isprop	1259	0.222 s	0.069 s	
graph2d/private/getProxyValueFromHandle	32	0.222 s	0.024 s	
pan>getConstraint	710	0.222 s	0.055 s	
onCleanup>onCleanup.delete	1495	0.216 s	0.060 s	
uimode.uimode>uimode.set.Enable	16	0.216 s	0.002 s	
zoom>locGetMode	7	0.208 s	0.021 s	
uimode.modeControl	16	0.207 s	0.005 s	
hasOverloads	2	0.205 s	0.001 s	
zoom>localSetZoomState	7	0.196 s	0.001 s	
graph2d/private/plotSelectMode	34	0.190 s	0.033 s	
NameResolver.doResolve	3	0.188 s	0.004 s	
pan>locValidateAxes	747	0.181 s	0.092 s	
NameResolver.innerDoResolve	3	0.180 s	0.005 s	
NameResolver.resolveImplicitPath	3	0.166 s	0.002 s	
uiundo	32	0.165 s	0.025 s	

...licitPath>innerResolveImplicitPath	3	0.164 s	0.005 s	
...r.resolveImplicitPath>unaryResolve	3	0.159 s	0.005 s	
...imode>uimode.set.WindowButtonUpFcn	48	0.158 s	0.005 s	
quiver	4	0.157 s	0.016 s	
uimode.setCallbackFcn	64	0.154 s	0.058 s	
isprop>hasProp	1259	0.154 s	0.154 s	
NameResolver.resolveUnaryClass	4	0.153 s	0.004 s	
pan>constraintToCursorName	690	0.147 s	0.019 s	
chooseConstraint	414	0.142 s	0.033 s	
validateAxes	416	0.139 s	0.067 s	
...set(rootobj,'ShowHiddenHandles',Temp)	1324	0.135 s	0.135 s	
uigettool	43	0.134 s	0.074 s	
pan>locCreateLimitUndo	20	0.131 s	0.014 s	
safeWhich	4	0.130 s	0.008 s	
gobjects	1530	0.128 s	0.128 s	
plottedit	32	0.125 s	0.013 s	
zoom>localZoom	3	0.120 s	0.002 s	
safeWhich>casedWhich	8	0.118 s	0.118 s	
pan	2	0.109 s	0.002 s	
pan>locSetState	2	0.106 s	0.003 s	
Image>Image.get.scale	2	0.106 s	0.103 s	
plottedit>localGetMode	32	0.104 s	0.009 s	
Camera>Camera.select_params	94	0.102 s	0.087 s	
LMFnlsq>printit	16140	0.101 s	0.101 s	
graph2d/private/uigettoolFromModeCache	64	0.100 s	0.011 s	
getuimode	41	0.097 s	0.012 s	
uimode	11	0.095 s	0.010 s	
closereq	2	0.095 s	0.078 s	
...loads>getListOfClassesWithOverload	4	0.091 s	0.057 s	
Camera>Camera.camera2world	262	0.089 s	0.073 s	
parametrize	943	0.088 s	0.088 s	

polylineLength	943	0.088 s	0.088 s	
...CommandManager>CommandManager.add	32	0.087 s	0.012 s	
findUnlicensedFunctions	2	0.086 s	0.002 s	
pan>getPanBehaviorConstraint	710	0.085 s	0.018 s	
repmat	605	0.085 s	0.081 s	
zoom>constraintToCursorName	385	0.085 s	0.011 s	
splitmat	726	0.084 s	0.084 s	
setListenerState	356	0.084 s	0.056 s	
findUnlicensedFunctions>getFunctionData	2	0.084 s	0.014 s	
zoom>localButtonDownFcn2D	3	0.077 s	0.001 s	
zoom>localZoom2DIn	3	0.077 s	0.012 s	
...@(o,~)locCommandStackChanged(o,hThis)	32	0.075 s	0.001 s	
FigureToolManager>locCommandStackChanged	32	0.073 s	0.003 s	
graph2d/private/fixtoolbar	9	0.065 s	0.001 s	
newplot	18	0.062 s	0.023 s	
zoom>@(~,~)localStartZoom(hMode)	7	0.060 s	0.001 s	
linspace	943	0.059 s	0.059 s	
zoom>localStartZoom	7	0.059 s	0.005 s	
Quiver.doUpdate	4	0.059 s	0.040 s	
Quiver.Quiver>Quiver.Quiver	4	0.059 s	0.032 s	
zoom>getZoomBehaviorConstraint	414	0.059 s	0.015 s	
...onregistry.UnlicensedFunctionRegistry (Java method)	4	0.059 s	0.059 s	
Quiver.getXYZDataExtents	4	0.054 s	0.012 s	
uimode.createuimode	11	0.054 s	0.034 s	
initializeView	30	0.052 s	0.005 s	
formatOverloads	2	0.052 s	0.003 s	
uiundo>localGetFigureToolManager	32	0.052 s	0.049 s	
...2DButtonMotionFcn(o,e,buttonDownData)	19	0.051 s	0.002 s	
UnsupportedInUifigure	41	0.049 s	0.017 s	
panFromPixelToPixel2D	166	0.049 s	0.015 s	

zoom>local2DButtonMotionFcn	19	0.049 s	0.027 s	
hitAxes>calculateOffset	1259	0.049 s	0.049 s	
zoom>localUISetZoomIn	6	0.048 s	0.004 s	
pan>localThrowBeginDragEvent	166	0.048 s	0.010 s	
formatOverloads>applyFormat	4	0.047 s	0.009 s	
isPanEnabled	710	0.046 s	0.046 s	
zoom>localChangeDirection	7	0.045 s	0.004 s	
resetplotview	34	0.045 s	0.009 s	
zoom>localStoreLimits	10	0.045 s	0.002 s	
FigureToolManager>locUpdateUndoUI	32	0.044 s	0.021 s	
hitAxes>getPointInPixels	1259	0.043 s	0.043 s	
pan>createButtonDownEventData	20	0.042 s	0.018 s	
getpref	2	0.041 s	0.005 s	
...Control>localModeWindowButtonUpFcn	9	0.041 s	0.001 s	
basicImageDisplay	2	0.040 s	0.022 s	
allchild	45	0.039 s	0.020 s	
imagesci/private/imjpginfo	2	0.039 s	0.001 s	
zoom>@(~,~)localStopZoom(hMode)	5	0.039 s	0.001 s	
zoom>localStopZoom	5	0.038 s	0.003 s	
imjpginfo	2	0.038 s	0.006 s	
parseArgs	291	0.037 s	0.022 s	
uitools/private/prefutils	10	0.036 s	0.004 s	
zoom>localCreateZoomLines	3	0.036 s	0.013 s	
zoom>localUISetZoomOff	5	0.035 s	0.003 s	
pan>locGetMode	2	0.035 s	0.008 s	
calculatePannedLimits	166	0.034 s	0.017 s	
vectorizePlotyyAxes	1126	0.033 s	0.033 s	
pan>@(~,~)locDoPanOn(hMode)	2	0.032 s	0.001 s	
pan>locDoPanOn	2	0.031 s	0.003 s	
imagesci/private/imftype	2	0.031 s	0.005 s	
zoom>localResetPlot	2	0.031 s	0.003 s	

newplot>ObserveAxesNextPlot	18	0.031 s	0.006 s	
imjpgbaselineinfo	2	0.030 s	0.024 s	
formatOverloads>makeUniformWidthColumn	13	0.030 s	0.003 s	
zoom>localUISetZoomOut	4	0.030 s	0.003 s	
onCleanup>onCleanup.onCleanup	1495	0.030 s	0.030 s	
getAxesLimits	64	0.029 s	0.010 s	
pan>locUICreateDefaultContextMenu	2	0.028 s	0.028 s	
dataset.dataset>dfltDimNames	1	0.028 s	0.028 s	
specgraph/private/quiverparseargs	4	0.028 s	0.013 s	
uitools/private/prefutils>loadPrefs	2	0.028 s	0.026 s	
getOverloads>isValidOverloadRule	611	0.027 s	0.008 s	
FigureToolManager>locUpdateRedoUI	32	0.026 s	0.012 s	
Quiver.preProcessData	8	0.026 s	0.011 s	
fileparts	629	0.026 s	0.019 s	
UnsupportedInUifigure>isWebFigure	41	0.025 s	0.025 s	
cla	4	0.025 s	0.005 s	
...anager>uimodemanager.uimodemanager	2	0.025 s	0.013 s	
zoom>locallsZoomOn	10	0.025 s	0.002 s	
isSingleImageDefaultPos	2	0.024 s	0.014 s	
resetplotview>localResetPlotView	34	0.023 s	0.007 s	
isactiveuimode	10	0.022 s	0.007 s	
getDoubleAxesLimits	43	0.022 s	0.010 s	
imageDisplayParseInputs	2	0.021 s	0.002 s	
uimode.modeControl>localRecoverFigure	7	0.021 s	0.015 s	
setptr	108	0.020 s	0.020 s	
zoom>localCalculateZoomFactor2DLimits	7	0.020 s	0.008 s	
mtree.mtfind	2	0.020 s	0.004 s	
...s.getTopicHelpText>useSingleSource	2	0.019 s	0.019 s	
isClassMFile	2	0.019 s	0.019 s	
imagesci/private/isjpg	2	0.019 s	0.019 s	
getOverloads>getUDDSeperator	20	0.019 s	0.002 s	

cell.strcat	17	0.019 s	0.019 s	
uimode.modeControl>localStartMode	9	0.018 s	0.015 s	
calculatePannedLimits>panAxis	498	0.018 s	0.008 s	
strsplit	20	0.017 s	0.007 s	
graph2d/private/scribeCreateMode	2	0.017 s	0.004 s	
imageDisplayValidateParams	2	0.016 s	0.005 s	
mtree.restrict	2	0.016 s	0.008 s	
graphics/private/clo	4	0.016 s	0.016 s	
hgbehaviorfactory	3	0.016 s	0.001 s	
cell2mat	94	0.015 s	0.015 s	
parseArgs	291	0.015 s	0.015 s	
toggleAxesLayoutManager	43	0.015 s	0.015 s	
saveView	2	0.015 s	0.003 s	
imshow>getBorder	2	0.015 s	0.015 s	
hgbehaviorfactory>localCreate	3	0.014 s	0.005 s	
createListener	65	0.014 s	0.014 s	
uimode.registerMode	6	0.014 s	0.004 s	
zoom>localEnd2DDragZoom	3	0.013 s	0.005 s	
...ode>@(obj,evd)(localDelete(hThis))	11	0.013 s	0.001 s	
unique	34	0.013 s	0.004 s	
graph2d/private/scribePinMode	2	0.012 s	0.003 s	
uimode.createuimode>localDelete	11	0.012 s	0.007 s	
...e>uimode.set.WindowButtonMotionFcn	51	0.012 s	0.004 s	
...ver>Quiver.calculateHeadVertexData	8	0.011 s	0.010 s	
num2cell	13	0.011 s	0.011 s	
hold	2	0.011 s	0.006 s	
allchild>getchildren	45	0.010 s	0.010 s	
constraintConvert3DTo2D	1075	0.010 s	0.010 s	
resetplotview>localCreateViewInfo	2	0.010 s	0.006 s	
uimode.uimode>uimode.set.ParentMode	6	0.010 s	0.001 s	
pan>getPointInPixels	186	0.010 s	0.010 s	

...cs.internal.setListenerState(hL,'on')	46	0.010 s	0.001 s	
parseArgs	7	0.009 s	0.005 s	
fullfile	4	0.009 s	0.005 s	
uimodemanager.getMode	55	0.009 s	0.009 s	
hashedDirInfo	8	0.009 s	0.006 s	
mtree.mtree>mtree.mtree	2	0.009 s	0.006 s	
zoom>getBounds	17	0.009 s	0.008 s	
...fValid(h,'UIContextMenu',CMToRestore)	32	0.009 s	0.002 s	
uimode.uimode>localReparentMode	6	0.009 s	0.002 s	
parseplotapi	4	0.009 s	0.003 s	
hasuimode	5	0.009 s	0.002 s	
Camera>@(x)sum(sum(x.^2,2))	26	0.009 s	0.009 s	
unique>uniqueR2012a	34	0.009 s	0.009 s	
uimode.modeControl>localPrepareFigure	9	0.009 s	0.009 s	
getAutoZoomConstraint	22	0.008 s	0.004 s	
hgbehaviorfactory>localGetBehaviorInfo	3	0.008 s	0.008 s	
cell.strmatch	2	0.008 s	0.003 s	
...:PositionUtils.getDevicePixelPosition	4	0.008 s	0.002 s	
mtree.pathit	2	0.008 s	0.004 s	
uimode.uimode>setMotionFcn	51	0.008 s	0.008 s	
FigureToolManager>getUndoRedoLabel	32	0.008 s	0.008 s	
now	32	0.008 s	0.004 s	
getpixelposition	10	0.008 s	0.001 s	
...s.internal.setListenerState(hL,'off')	46	0.008 s	0.001 s	
imformats	2	0.008 s	0.004 s	
...t:changeUnitsToDevicePixelsScopeGuard	10	0.008 s	0.001 s	
ismember	4	0.007 s	0.002 s	
...elpProcess>helpProcess.helpProcess	2	0.007 s	0.005 s	
Quiver.is3D	36	0.007 s	0.003 s	
initSize>calculateDimensions	8	0.007 s	0.004 s	
cell.unique	4	0.007 s	0.002 s	

validatestring	18	0.007 s	0.002 s	
hgaddbehavior	3	0.007 s	0.003 s	
ispc	627	0.007 s	0.007 s	
uimode.modeControl>localEndMode	7	0.007 s	0.002 s	
...deWindowButtonDownFcn>setCMIfValid	32	0.007 s	0.002 s	
strjoin	22	0.007 s	0.007 s	
uitools/private/getPixelPositionHelper	10	0.007 s	0.007 s	
chooseConstraint>horizontalVerticalToXY	414	0.007 s	0.007 s	
...uimodemanager>localScribeclearmode	9	0.007 s	0.004 s	
PositionUtils>changeUnitsScopeGuard	10	0.007 s	0.006 s	
uimode.getuimode	58	0.007 s	0.007 s	
findZoomMag	6	0.006 s	0.003 s	
Quiver.Quiver>Quiver.set.VData	4	0.006 s	0.003 s	
resetplotview>localApplyViewInfo	2	0.006 s	0.006 s	
zoomAxisAroundPoint	14	0.006 s	0.003 s	
reconcileAxesAndFigureConstraints	1124	0.006 s	0.006 s	
Quiver.Quiver>Quiver.set.UData	4	0.006 s	0.003 s	
uimode.fireActionPostCallback	32	0.006 s	0.006 s	
strfun/private/strescape	62	0.006 s	0.005 s	
rmfield	2	0.006 s	0.004 s	
strmatch	2	0.006 s	0.006 s	
getWorkArea	2	0.006 s	0.002 s	
calculatePannedLimits>panlinlims	498	0.006 s	0.006 s	
ismember>ismemberR2012a	4	0.006 s	0.003 s	
fixFileNameCase	2	0.006 s	0.003 s	
...set(rootobj,'ShowHiddenHandles',Temp)	45	0.005 s	0.005 s	
calculateOrigLimits	2	0.005 s	0.002 s	
uimode.createuimode>localCleanUp	11	0.005 s	0.005 s	
Quiver.Quiver>Quiver.set.XData	4	0.005 s	0.003 s	
...resolveImplicitPath>getPackageInfo	1	0.005 s	0.003 s	
xyzchk	8	0.005 s	0.005 s	

boundLimits	366	0.005 s	0.005 s	
specgraph/private/nextstyle	4	0.005 s	0.005 s	
pan>@(~,~)locDoPanOff(hMode)	2	0.005 s	0.001 s	
Quiver.Quiver>Quiver.set.Color	4	0.005 s	0.002 s	
Quiver.Quiver>Quiver.set.AutoScale	4	0.005 s	0.002 s	
Quiver.Quiver>Quiver.set.Color_l	8	0.005 s	0.005 s	
Quiver.Quiver>Quiver.set.YData	4	0.005 s	0.003 s	
...PositionUtils.setDevicePixelPosition	4	0.005 s	0.003 s	
pan>localThrowEndDragEvent	20	0.005 s	0.001 s	
arraytolimits	12	0.005 s	0.005 s	
uimode.fireActionPreCallback	32	0.005 s	0.005 s	
uimodemanager.unregisterMode	6	0.005 s	0.005 s	
cell.unique>celluniqueR2012a	4	0.005 s	0.005 s	
parseArgs>checkOptions	7	0.004 s	0.001 s	
pan>locDoPanOff	2	0.004 s	0.004 s	
getClassNameFromWS	3	0.004 s	0.002 s	
datenum	32	0.004 s	0.004 s	
setYYAxisInactiveYLimMode	30	0.004 s	0.004 s	
...modeWindowButtonDownFcn>setIfValid	32	0.004 s	0.004 s	
Quiver.Quiver>Quiver.get.ZData	36	0.004 s	0.003 s	
axescheck	6	0.004 s	0.004 s	
view	2	0.004 s	0.003 s	
...ess.helpProcess>helpProcess.delete	2	0.004 s	0.001 s	
gcbf	13	0.004 s	0.004 s	
Camera>@(x,y)size(x,1)+size(y,1)	27	0.004 s	0.004 s	
usev6plotapi	4	0.004 s	0.004 s	
uimode.activateuimode	14	0.004 s	0.003 s	
num2ruler	352	0.004 s	0.004 s	
imformats>find_in_registry	2	0.004 s	0.004 s	
...ositionUtils.getDevicePixelScreenSize	2	0.004 s	0.001 s	
@mtree/private/collect_qualifiers	2	0.004 s	0.003 s	

helpProcess.getDemoTopic	2	0.004 s	0.002 s	
...selineinfo>parse_app1_exif_segment	2	0.004 s	0.004 s	
repmat>@(x)double(full(x))	498	0.004 s	0.004 s	
graphics/private/claNotify	4	0.004 s	0.004 s	
parseparams	4	0.004 s	0.004 s	
Quiver.Quiver>Quiver.set.MarkerHandle_I	4	0.004 s	0.003 s	
hgaddbehavior>localAddBehavior	3	0.004 s	0.003 s	
...ode>uimode.set.WindowButtonDownFcn	9	0.003 s	0.002 s	
isInvalidInLogScale	12	0.003 s	0.002 s	
ishold	10	0.003 s	0.003 s	
...uiver>Quiver.set.SelectionHandle_I	4	0.003 s	0.003 s	
putdowntext>LSetToolButton	9	0.003 s	0.003 s	
Quiver.Quiver>Quiver.set.Head_I	4	0.003 s	0.003 s	
validatestring>checkString	18	0.003 s	0.003 s	
Quiver.Quiver>Quiver.set.Tail_I	4	0.003 s	0.003 s	
graph2d/private/uifindallFromModeCache	34	0.003 s	0.003 s	
...tils>@()set(h,unitsProp.origUnits)	10	0.003 s	0.003 s	
imageDisplayParsePVPairs	2	0.003 s	0.003 s	
Quiver.Quiver>Quiver.doSetup	4	0.003 s	0.003 s	
uimodemanager.registerMode	5	0.003 s	0.003 s	
specgraph/private/getRealData	4	0.003 s	0.003 s	
getLinearData	540	0.003 s	0.003 s	
NameResolver.resolveExplicitPath	3	0.003 s	0.002 s	
mtree.wholetree	2	0.003 s	0.003 s	
helpProcess.getPathItem	4	0.003 s	0.002 s	
...getOverloadsLink>getOverloadTopic	2	0.003 s	0.002 s	
...t;FigureToolManager.FigureToolManager	2	0.003 s	0.002 s	
scribeclearmode	2	0.003 s	0.003 s	
putdowntext>LGetToolButton	9	0.003 s	0.003 s	
isLogScale	20	0.003 s	0.003 s	
...andManager>CommandManager.peekundo	32	0.003 s	0.003 s	

Quiver.Quiver>Quiver.get.UData	32	0.003 s	0.002 s	
markFigure	2	0.002 s	0.002 s	
hitRuler	37	0.002 s	0.002 s	
imjpgbaselineinfo>recover_valid_marker	10	0.002 s	0.002 s	
imageDisplayValidateParams>validateCData	2	0.002 s	0.002 s	
pan>isReverse	20	0.002 s	0.002 s	
ismember>ismemberBuiltinTypes	4	0.002 s	0.002 s	
helpProcess.displayHelp	2	0.002 s	0.002 s	
...t;preParseInputsForSpatialReferencing	2	0.002 s	0.002 s	
fullfile>ensureTrailingFilesep	4	0.002 s	0.001 s	
...adsLink>getOtherFunctionsNamedLink	2	0.002 s	0.002 s	
newplot>ObserveFigureNextPlot	18	0.002 s	0.002 s	
...Resolver>NameResolver.NameResolver	2	0.002 s	0.002 s	
...private/prefutils>getFieldOptional	4	0.002 s	0.002 s	
getLogData	512	0.002 s	0.002 s	
magPercentsDiffer	20	0.002 s	0.001 s	
parseArgs>checkNoDocInternalUseNoOutput	7	0.002 s	0.002 s	
createMatlabCommandWithTitle	2	0.002 s	0.001 s	
...ver>Quiver.calculateTailVertexData	8	0.002 s	0.002 s	
Quiver.Quiver>Quiver.set.VDataMode	4	0.002 s	0.002 s	
getFiniteLimits	11	0.002 s	0.002 s	
tabular.size	4	0.002 s	0.002 s	
getClassNameFromVariable	3	0.002 s	0.002 s	
Camera>Camera.getScaleFromSize	2	0.002 s	0.002 s	
...futils>checkAndConvertToCellVector	2	0.002 s	0.002 s	
Quiver.Quiver>Quiver.set.UDataMode	4	0.002 s	0.002 s	
UnsupportedInUifigure>@()warning(w)	41	0.002 s	0.002 s	
Quiver.Quiver>Quiver.get.Color	12	0.002 s	0.001 s	
Quiver.Quiver>Quiver.set.ColorMode	4	0.002 s	0.002 s	
Quiver.Quiver>Quiver.set.XDataMode	4	0.002 s	0.002 s	
hashedDirInfo>casedWhat	4	0.002 s	0.002 s	

...ger>@(obj.evd)(localDelete(hThis))	2	0.002 s	0.001 s	
Quiver.Quiver>Quiver.set.AutoScaleMode	4	0.002 s	0.002 s	
Quiver.Quiver>Quiver.set.YDataMode	4	0.002 s	0.002 s	
zoom>getPointInPixels	25	0.002 s	0.002 s	
setOrigLimits	2	0.002 s	0.002 s	
Quiver.Quiver>Quiver.get.ShowArrowHead	8	0.002 s	0.001 s	
Quiver.Quiver>Quiver.get.VData	16	0.002 s	0.001 s	
fixLocalFunctionCase	2	0.002 s	0.002 s	
usejava	20	0.002 s	0.002 s	
Quiver.Quiver>Quiver.get.MaxHeadSize	8	0.002 s	0.001 s	
initSize>getGutterWidth	8	0.002 s	0.002 s	
formatOverloads>getColumnAssingment	4	0.002 s	0.002 s	
Quiver.Quiver>Quiver.get.YData	8	0.002 s	0.001 s	
extractCaseCorrectedName	4	0.002 s	0.002 s	
cellstr	2	0.002 s	0.002 s	
fullfile>refinePath	4	0.002 s	0.002 s	
opaque.char	2	0.002 s	0.002 s	
Quiver.Quiver>Quiver.get.XData	8	0.002 s	0.001 s	
Quiver.Quiver>Quiver.get.LineStyle	8	0.002 s	0.001 s	
calculateOrigLimits>getLoosestBounds	2	0.002 s	0.002 s	
getImWidth	2	0.002 s	0.001 s	
uitools/private/allchildRootHelper	45	0.002 s	0.002 s	
fullfile>addTrailingFileSep	4	0.001 s	0.001 s	
validatestring>checkInputs	18	0.001 s	0.001 s	
Quiver.Quiver>Quiver.set.MarkerSize_l	4	0.001 s	0.001 s	
uimode.uimode>uimode.set.UseContextMenu	2	0.001 s	0.001 s	
...nd>FunctionCommand.FunctionCommand	32	0.001 s	0.001 s	
plottedit>isValidActionForOutput	32	0.001 s	0.001 s	
zoom>withinBounds	17	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.Tail	56	0.001 s	0.001 s	
initSize>getGutterHeight	8	0.001 s	0.001 s	

Quiver.Quiver>Quiver.get.MarkerHandle	48	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.MarkerEdgeColor	4	0.001 s	0.001 s	
uitools/private/prefutils>getPrefFile	2	0.001 s	0.001 s	
isInvalidInLogScale>basicImpl	12	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.Head	52	0.001 s	0.001 s	
settings	8	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.MarkerFaceColor	4	0.001 s	0.001 s	
...mode>uimode.set.UIControlInterrupt	2	0.001 s	0.001 s	
...r>Quiver.calculateMarkerVertexData	4	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.Marker	4	0.001 s	0.001 s	
getAlternateHelpFunction	2	0.001 s	0.001 s	
imshow>processReduceSyntax	2	0.001 s	0.001 s	
initSize>getAxesX	2	0.001 s	0.001 s	
figparams	2	0.001 s	0.001 s	
Quiver.Quiver>Quiver.setVDataImpl	4	0.001 s	0.001 s	
uimodemanager.uimodemanager>localDelete	2	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.AutoScale	8	0.001 s	0.001 s	
Quiver.Quiver>Quiver.setUDataImpl	4	0.001 s	0.001 s	
magPercentsDiffer>toPercent	40	0.001 s	0.001 s	
specgraph/private/datachk	16	0.001 s	0.001 s	
findZoomMag>findZoomingOutMag	4	0.001 s	0.001 s	
getImHeight	2	0.001 s	0.001 s	
imread>parse_inputs	2	0.001 s	0.001 s	
zoomAxisAroundPoint>getZoomedLimits	14	0.001 s	0.001 s	
pan>localConstructEvd	40	0.001 s	0.001 s	
...figure>@0lastwarn(lastmsg.lastid)	41	0.001 s	0.001 s	
uimode.uimode>uimode.set.KeyPressFcn	3	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.Tail_l	60	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.MarkerHandle_l	52	0.001 s	0.001 s	
...riptideBehavior.DataDescriptorBehavior	3	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.Head_l	56	0.001 s	0.001 s	

uimode.hasuimode	6	0.001 s	0.001 s	
imageDisplayValidateParams>findImageType	2	0.001 s	0.001 s	
imshow>preParseInputs	2	0.001 s	0.001 s	
parseArgs>checkDoced	7	0.001 s	0.001 s	
makeDualCommand	2	0.001 s	0.001 s	
...@(obj,evd)(hObj.sendDataChangedEvent)	16	0.001 s	0.001 s	
Quiver.Quiver>Quiver.getSelectionHandle	20	0.001 s	0.001 s	
getTightBounds	2	0.001 s	0.001 s	
fliplr	4	0.001 s	0.001 s	
Quiver.Quiver>Quiver.getZData_I	36	0.001 s	0.001 s	
zoom>localConstructEvd	24	0.001 s	0.001 s	
movegui>get_parent_fig	2	0.001 s	0.001 s	
view>isAxesHandle	2	0.001 s	0.001 s	
Image>Image.get.size	2	0.001 s	0.001 s	
...de>uimode.set.WindowScrollWheelFcn	2	0.001 s	0.001 s	
...andManager>CommandManager.peekredo	32	0.001 s	0.001 s	
strfun/.../strescape>@(c)strescape(c)	20	0.001 s	0.001 s	
Quiver.Quiver>Quiver.getUDataImpl	32	0.001 s	0.001 s	
@mtree/.../collect_qualifiers>is_qual	2	0.001 s	0.001 s	
...r>DataDescriptorBehavior.dosupport	3	0.001 s	0.001 s	
imread>get_full_filename	2	0.001 s	0.001 s	
...imode>uimode.set.WindowKeyPressFcn	2	0.001 s	0.001 s	
...uiver>Quiver.getSelectionHandle_I	24	0.001 s	0.001 s	
putdowntext>LInitStateData	2	0.001 s	0.001 s	
uimode.uimode>uimode.set.IsOneShot	4	0.001 s	0.001 s	
...lpProcess>helpProcess.specifyTopic	2	0.001 s	0.001 s	
isRSetImage	4	0.001 s	0.001 s	
uimode.uimode>readOnlyWhileRunning	6	0.001 s	0.001 s	
...solver>NameResolver.get.isResolved	6	0.001 s	0.001 s	
...>NameResolver.get.regexpCaseOption	3	0.001 s	0.001 s	
Quiver.Quiver>Quiver.getColor_I	20	0.001 s	0.001 s	

mtree.isempty	2	0.001 s	0.001 s	
isOperator	2	0.001 s	0.001 s	
NameResolver.resolvePackageInfo	1	0.001 s	0.001 s	
imshow>@(c)isa(c,'imref2d')	2	0.001 s	0.001 s	
isunix	4	0.001 s	0.001 s	
initSize>getAxesY	2	0.001 s	0.001 s	
Image>Image.get.file	2	0.001 s	0.001 s	
Quiver.Quiver>Quiver.get.Clipping_I	16	0.001 s	0.001 s	
checkDisplayRange	2	0.001 s	0.001 s	
imshow>convertImrefToXDataYData	2	0.001 s	0.001 s	
...playValidateParams>getCDataMapping	2	0.001 s	0.001 s	
...nd>AbstractCommand.AbstractCommand	32	0.000 s	0.000 s	
isObjectDirectorySpecified	3	0.000 s	0.000 s	
Quiver.Quiver>Quiver.getVDataImpl	16	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.AutoScale_I	12	0.000 s	0.000 s	
imageDisplayValidateParams>validateMap	2	0.000 s	0.000 s	
...private/prefutils>truncToMaxLength	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.setXDataImpl	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.LineWidth_I	12	0.000 s	0.000 s	
filesep	2	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.ShowArrowHead_I	8	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.LineStyle_I	12	0.000 s	0.000 s	
xyzchk>isvector	24	0.000 s	0.000 s	
imjpginfo>@()fclose(fid)	2	0.000 s	0.000 s	
Quiver.Quiver>Quiver.getYDataImpl	8	0.000 s	0.000 s	
formatHelpTextLine	2	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.MaxHeadSize_I	8	0.000 s	0.000 s	
Quiver.Quiver>Quiver.getXDataImpl	8	0.000 s	0.000 s	
Quiver.Quiver>Quiver.setYDataImpl	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.XDataMode	8	0.000 s	0.000 s	
zoom>localGetZoomFactor	7	0.000 s	0.000 s	

Quiver.Quiver>Quiver.get.YDataMode	8	0.000 s	0.000 s	
uimode.uimode>uimode.uimode	11	0.000 s	0.000 s	
...uiver>Quiver.get.MarkerEdgeColor_I	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.UDataMode	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.VDataMode	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.set.AutoScale_I	4	0.000 s	0.000 s	
com.mathworks.hg.peer.HG2FigurePeer (Java method)	11	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.ColorMode	4	0.000 s	0.000 s	
...uiver>Quiver.get.MarkerFaceColor_I	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.Marker_I	4	0.000 s	0.000 s	
...er>Quiver.get.AlignVertexCenters_I	4	0.000 s	0.000 s	
Quiver.Quiver>Quiver.get.AutoScaleMode	4	0.000 s	0.000 s	
displayOverloads>hotlinkOverloads	2	0.000 s	0.000 s	
parseArgs>checkNumeric	7	0.000 s	0.000 s	
HGBehavior>HGBehavior.HGBehavior	3	0.000 s	0.000 s	
ctorHelper	4	0.000 s	0.000 s	
hasDisplay	2	0.000 s	0.000 s	
parseArgs>errorIfOutputExpected	7	0.000 s	0.000 s	
uitools/private/prefutils>checkGroup	2	0.000 s	0.000 s	
...ager>CommandManager.CommandManager	2	0.000 s	0.000 s	
...ical.categorical>maxArraySizeLimit	1	0.000 s	0.000 s	

Self time is the time spent in a function excluding the time spent in its child functions. Self time also includes overhead resulting from the process of profiling.