Profile Summary

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Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
demo	1	36.775 s	0.422 s	
minDisCla	1	34.842 s	5.898 s	
minDisCla>classify	2779169	28.939 s	28.939 s	
imshow	2	1.202 s	0.082 s	
initSize	2	0.616 s	0.031 s	
movegui	2	0.544 s	0.480 s	
imread	1	0.272 s	0.002 s	
imagesci/private/readtif	1	0.261 s	0.001 s	
imagesci/private/rtifc (MEX-file)	1	0.258 s	0.258 s	
newplot	4	0.243 s	0.020 s	
imageDisplayParseInputs	2	0.203 s	0.003 s	
imageDisplayValidateParams	2	0.197 s	0.006 s	
newplot>ObserveFigureNextPlot	4	0.196 s	0.031 s	
imageDisplayValidateParams>validateCData	2	0.182 s	0.182 s	
clf	1	0.165 s	0.122 s	
findall	5	0.063 s	0.058 s	
basicImageDisplay	2	0.036 s	0.021 s	
dlmread	1	0.028 s	0.009 s	
newplot>ObserveAxesNextPlot	4	0.024 s	0.004 s	
graphics/private/clo	5	0.021 s	0.021 s	
cla	4	0.020 s	0.004 s	
isSingleImageDefaultPos	2	0.019 s	0.013 s	
graphics/private/clearscribe	1	0.018 s	0.001 s	
cell.strmatch	2	0.016 s	0.007 s	
setdiff	1	0.014 s	0.001 s	
setdiff>setdiffR2012a	1	0.013 s	0.002 s	
imshow>getBorder	2	0.012 s	0.012 s	
...:PositionUtils.setDevicePixelPosition	4	0.009 s	0.005 s	

strmatch	2	0.009 s	0.009 s	
imagesci/private/imftype	1	0.009 s	0.001 s	
stratiSam	1	0.009 s	0.009 s	
...t;changeUnitsToDevicePixelsScopeGuard	10	0.008 s	0.001 s	
linkdata	1	0.007 s	0.007 s	
PositionUtils>changeUnitsScopeGuard	10	0.007 s	0.007 s	
...;PositionUtils.getDevicePixelPosition	4	0.007 s	0.002 s	
onCleanup>onCleanup.delete	19	0.007 s	0.002 s	
initSize>calculateDimensions	8	0.006 s	0.004 s	
allchild	2	0.006 s	0.004 s	
unique	1	0.006 s	0.005 s	
collectOutput	1	0.006 s	0.001 s	
ismember	1	0.006 s	0.001 s	
rmfield	2	0.006 s	0.004 s	
findZoomMag	6	0.005 s	0.003 s	
mean	15	0.005 s	0.005 s	
imformats	1	0.005 s	0.002 s	
getWorkArea	2	0.005 s	0.002 s	
ismember>ismemberR2012a	1	0.004 s	0.003 s	
UnsupportedInUifigure	1	0.004 s	0.002 s	
...>showHiddenHandlesToFindAllHandles	5	0.003 s	0.003 s	
gobjects	8	0.003 s	0.003 s	
...ositionUtils.getDevicePixelScreenSize	2	0.003 s	0.001 s	
graphics/private/claNotify	4	0.003 s	0.003 s	
imageDisplayParsePVPairs	2	0.003 s	0.003 s	
...t;preParseInputsForSpatialReferencing	2	0.003 s	0.002 s	
collectOutput>mergeColumns	1	0.003 s	0.003 s	
...tils>@()set(h,unitsProp,origUnits)	10	0.003 s	0.003 s	
imagesci/private/istif	1	0.003 s	0.003 s	
imformats>find_in_registry	1	0.003 s	0.003 s	
refresh	1	0.003 s	0.003 s	
initSize>getAxesX	2	0.002 s	0.002 s	
collectOutput>getTypesLengths	1	0.002 s	0.002 s	

getImWidth	2	0.002 s	0.001 s	
magPercentsDiffer	20	0.002 s	0.001 s	
imageDisplayValidateParams>findImageType	2	0.002 s	0.002 s	
ismember>ismemberBuiltinTypes	1	0.002 s	0.002 s	
...set(rootobj,'ShowHiddenHandles',Temp)	5	0.001 s	0.001 s	
initSize>getGutterWidth	8	0.001 s	0.001 s	
cellstr	2	0.001 s	0.001 s	
getImHeight	2	0.001 s	0.001 s	
initSize>getGutterHeight	8	0.001 s	0.001 s	
settings	6	0.001 s	0.001 s	
movegui>get_parent_fig	2	0.001 s	0.001 s	
imagesci/private/readtif>parse_args	1	0.001 s	0.001 s	
scribeclearmode	1	0.001 s	0.001 s	
figparams	2	0.001 s	0.001 s	
initSize>getAxesY	2	0.001 s	0.001 s	
imshow>processReduceSyntax	2	0.001 s	0.001 s	
unique>uniqueR2012a	1	0.001 s	0.001 s	
imshow>@(c)isa(c,'imref2d')	2	0.001 s	0.001 s	
allchild>getchildren	2	0.001 s	0.001 s	
clearNotify	1	0.001 s	0.001 s	
imshow>preParseInputs	2	0.001 s	0.001 s	
findZoomMag>findZoomingOutMag	4	0.001 s	0.001 s	
onCleanup>onCleanup.onCleanup	19	0.001 s	0.001 s	
magPercentsDiffer>toPercent	40	0.001 s	0.001 s	
imshow>convertImrefToXDataYData	2	0.001 s	0.001 s	
UnsupportedInUifigure>isWebFigure	1	0.001 s	0.001 s	
...set(rootobj,'ShowHiddenHandles',Temp)	2	0.001 s	0.001 s	
isRSetImage	4	0.001 s	0.001 s	
isunix	4	0.001 s	0.001 s	
uitools/private/allchildRootHelper	2	0.001 s	0.001 s	
checkDisplayRange	2	0.001 s	0.001 s	
imageDisplayValidateParams>validateMap	2	0.000 s	0.000 s	

...playValidateParams>getCDataMapping	2	0.000 s	0.000 s	
hasDisplay	2	0.000 s	0.000 s	
imread>parse_inputs	1	0.000 s	0.000 s	
LinkData>LinkData.LinkData	1	0.000 s	0.000 s	
imread>get_full_filename	1	0.000 s	0.000 s	
imagesci/private/readtif>process_region	1	0.000 s	0.000 s	
...figure>@()lastwarn(lastmsg,lastid)	1	0.000 s	0.000 s	
UnsupportedInUifigure>@()warning(w)	1	0.000 s	0.000 s	
imagesci/private/readtif>check_info	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.