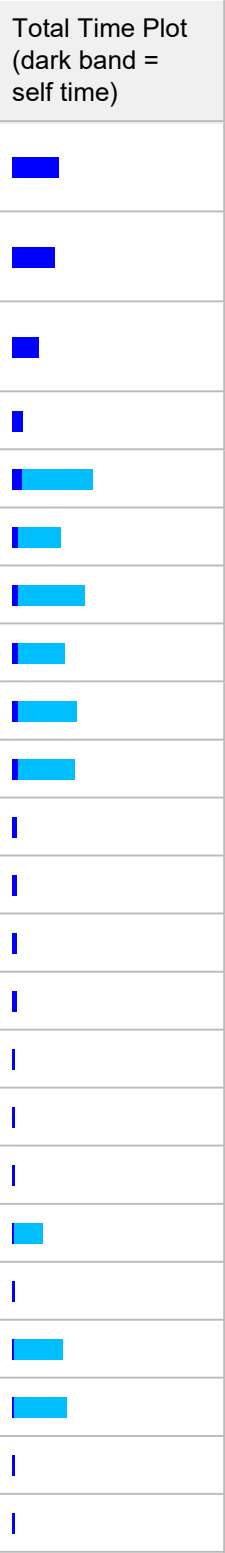


Profile Summary

Generated 28-Aug-2016 16:05:06 using performance time.

Function Name	Calls	Total Time	Self Time *
images\private\idct	4713984	246.396 s	246.396 s
images\private\dct	4713984	228.755 s	228.755 s
log_search	760320	144.947 s	144.947 s
dec_huffman_new	976	56.541 s	56.541 s
IntraDecode	496	432.078 s	51.031 s
dct2	2356992	264.170 s	35.415 s
IntraEncode	496	393.875 s	35.119 s
idct2	2356992	279.458 s	33.062 s
IntraDecode>blk_transform	2356992	347.939 s	30.856 s
IntraEncode>blk_transform	2356992	332.484 s	30.583 s
enc_huffman_new	976	23.763 s	23.763 s
DeZigZag8x8	2356992	18.596 s	18.596 s
ZigZag8x8	2356992	17.081 s	17.081 s
ZeroRunEncED	496	16.558 s	16.558 s
IntraDecode>split_block	2356992	14.800 s	14.800 s
mat2cell	2976	14.660 s	14.660 s
Quant8x8	2356992	11.519 s	11.519 s
motionEstimation	480	159.023 s	10.647 s
DeQuant8x8	2356992	10.025 s	10.025 s
DCT8x8	2356992	273.302 s	9.131 s
IDCT8x8	2356992	288.463 s	9.004 s
ZeroRunDecED	496	7.629 s	7.629 s
motion_compensation	480	9.549 s	6.158 s



cell2mat	2976	5.733 s	5.733 s
images\private\imresizemex (MEX-file)	1920	4.494 s	4.494 s
main	1	1085.795 s	2.494 s
RGB2YCbCr	304	1.606 s	1.606 s
pic_analysis_bidirect	192	830.247 s	1.516 s
YCbCr2RGB	304	1.262 s	1.262 s
imresize>resizeAlongDim	1920	5.292 s	0.792 s
path	12	0.776 s	0.650 s
calcMSE	304	0.532 s	0.532 s
savefig	1	0.875 s	0.526 s
imresize>contributions	1920	0.527 s	0.470 s
pic_analysis	96	211.170 s	0.427 s
imresize	960	6.820 s	0.225 s
calcPSNR	304	0.752 s	0.219 s
imresize>parseInputs	960	0.655 s	0.211 s
FigFile.write	1	0.191 s	0.183 s
newplot	1	0.409 s	0.176 s
general\private\parsedirs	12	0.126 s	0.124 s
stillimage	16	38.973 s	0.114 s
newplot>ObserveAxesNextPlot	1	0.216 s	0.108 s
imread	21	0.476 s	0.089 s
cla	1	0.108 s	0.085 s
GOP	16	1041.499 s	0.082 s
imresize>parsePreMethodArgs	960	0.106 s	0.079 s
imresize>getMethodInfo	1920	0.077 s	0.077 s
graphics\private\hgsaveStructClass	1	0.098 s	0.076 s
imresize>triangle	1920	0.057 s	0.057 s
imresize>findFirstParamString	960	0.054 s	0.054 s

ylabel	1	0.055 s	0.053 s
imresize>isMethodString	960	0.100 s	0.050 s
timefun\private\formatdate	21	0.081 s	0.050 s
imresize>postprocessImage	960	0.074 s	0.045 s
imresize>fixupSizeAndScale	960	0.075 s	0.044 s
ima...ivate\readbmpdata>readFromFile	21	0.049 s	0.042 s
imresize>parseMethodArg	960	0.067 s	0.039 s
imagesci\private\isbmp	21	0.038 s	0.038 s
imresize>isInputIndexed	2880	0.037 s	0.037 s
cnv2icudf	21	0.030 s	0.030 s
ima...ivate\readbmpdata>bmpReadData24	21	0.091 s	0.030 s
imresize>scaleOrSize	960	0.026 s	0.026 s
axis	1	0.034 s	0.026 s
imagesci\private\imbmpinfo	21	0.206 s	0.025 s
imresize>findMethodArg	960	0.122 s	0.022 s
allchild	1	0.036 s	0.022 s
ima...i\private\initializeMetadataStruct	21	0.137 s	0.022 s
close>safegetchildren	1	0.057 s	0.021 s
imresize>deriveSizeFromScale	960	0.018 s	0.018 s
savefig>localGetHandleAndFile	1	0.035 s	0.017 s
imresize>dimensionOrder	960	0.017 s	0.017 s
datestr	21	0.115 s	0.015 s
onCleanup>onCleanup.onCleanup	46	0.014 s	0.014 s
imagesci\private\imftype	21	0.067 s	0.014 s
gobjects	2	0.014 s	0.014 s
imagesci\private\readbmp	21	0.314 s	0.014 s
graphics\private\claNotify	1	0.013 s	0.013 s
rot90	21	0.013 s	0.013 s
mean	32	0.012 s	0.012 s

datestr>getdateform	21	0.012 s	0.012 s
...e>isPureNearestNeighborComputation	2880	0.011 s	0.011 s
imresize>warnIfPostMethodArgs	960	0.010 s	0.010 s
graphics\private\clo	1	0.010 s	0.010 s
processSaveArguments	1	0.018 s	0.010 s
...te\imbmpinfo>readWin3xBitmapHeader	21	0.011 s	0.010 s
imresize>parseParamValuePairs	960	0.009 s	0.009 s
findall	1	0.010 s	0.009 s
timefun\private\dateformverify	21	0.089 s	0.009 s
imresize>preprocessImage	960	0.011 s	0.008 s
imresize>checkForMissingOutputArgument	960	0.014 s	0.008 s
imformats>find_in_registry	21	0.008 s	0.008 s
imresize>fixupSize	960	0.007 s	0.007 s
FigFile.write>localGetV2Data	1	0.008 s	0.007 s
unique	2	0.012 s	0.006 s
imformats	21	0.014 s	0.006 s
title	1	0.007 s	0.006 s
imresize>fixupScale	960	0.006 s	0.006 s
onCleanup>onCleanup.delete	46	0.014 s	0.006 s
UnsupportedInUifigure	1	0.014 s	0.006 s
...\imbmpinfo>initializeBMPInfoStruct	21	0.143 s	0.006 s
imread>parse_inputs	21	0.005 s	0.005 s
unique>uniqueR2012a	2	0.005 s	0.005 s
axis>LocSetLimits	1	0.006 s	0.005 s
fileparts	1	0.006 s	0.005 s
ishold	2	0.005 s	0.005 s
UnsupportedInUifigure>isWebFigure	1	0.005 s	0.005 s
imagesci\private\imbmpinfo>readBMPInfo	21	0.024 s	0.005 s
xlabel	1	0.004 s	0.004 s

imagesci\private\imbmpinfo>getSignature	21	0.004 s	0.004 s
FigFile.FigFile>FigFile.FigFile	1	0.004 s	0.004 s
...set(rootobj,'ShowHiddenHandles',Temp)	1	0.004 s	0.004 s
imagesci\private\imbmpinfo>readWin3xInfo	21	0.020 s	0.004 s
ima...ate\imbmpinfo>readBMPFileHeader	21	0.003 s	0.003 s
imagesci\private\readbmpdata	21	0.094 s	0.003 s
processSaveArguments>localIsValidHGArray	1	0.003 s	0.003 s
close>getEmptyHandleList	1	0.002 s	0.002 s
newplot>ObserveFigureNextPlot	1	0.002 s	0.002 s
...te\imbmpinfo>readVersion3xColormap	21	0.002 s	0.002 s
graph2d\private\labelcheck	3	0.002 s	0.002 s
...>FigFile.set.RequiredMatlabVersion	1	0.002 s	0.002 s
close	1	0.061 s	0.002 s
uitools\private\allchildRootHelper	1	0.002 s	0.002 s
imagesci\private\imbmpinfo>postProcess	21	0.002 s	0.002 s
ima...vate\readbmpdata>@()fclose(fid)	21	0.002 s	0.002 s
ima...rivate\imbmpinfo>@()fclose(fid)	21	0.002 s	0.002 s
allchild>getchildren	1	0.002 s	0.002 s
axis>allAxes	1	0.001 s	0.001 s
ima...ate\imbmpinfo>decodeCompression	21	0.001 s	0.001 s
filesep	12	0.001 s	0.001 s
...ts>GraphicsObjects.GraphicsObjects	1	0.001 s	0.001 s
FigFile.FigFile>FigFile.set.Format3Data	1	0.002 s	0.001 s
pathsep	12	0.001 s	0.001 s
graphics\private\hgsaveObject	1	0.001 s	0.001 s
markFigure	2	0.001 s	0.001 s
ispc	1	0.001 s	0.001 s
...>showHiddenHandlesToFindAllHandles	1	0.001 s	0.001 s
FigFile.FigFile>localVerifyObject	1	0.001 s	0.000 s

FigFile.FigFile>localVerifyStruct	1	0.001 s	0.000 s
FigFile.FigFile>localDefaultV2Struct	2	0.000 s	0.000 s
FigFile.FigFile>FigFile.set.Format2Data	1	0.001 s	0.000 s
UnsupportedInUifigure>@()warning(w)	1	0.000 s	0.000 s
FigFile.FigFile>FigFile.set.FigFormat	1	0.000 s	0.000 s
...set(rootobj,'ShowHiddenHandles',Temp)	1	0.000 s	0.000 s
...figure>@()lastwarn(lastmsg,lastid)	1	0.000 s	0.000 s
savefig>locallsFigureArray	1	0.000 s	0.000 s
close>checkfigs	1	0.000 s	0.000 s
FigFile.FigFile>locallsHG	1	0.000 s	0.000 s
close>request_close	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.

ons.