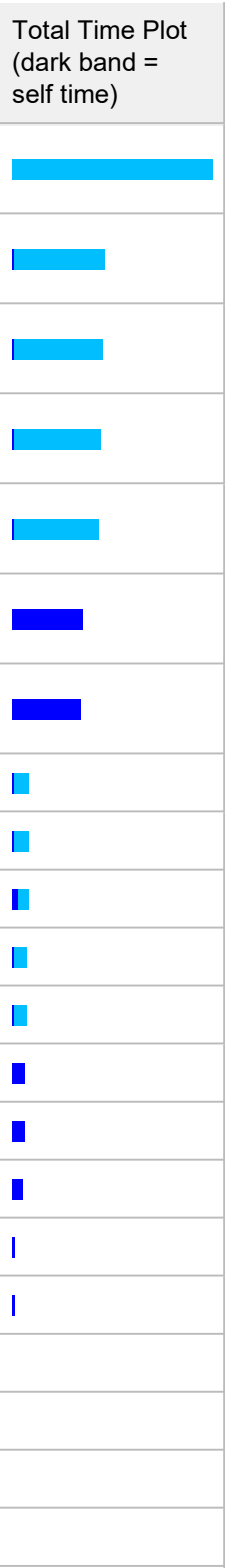


Profile Summary

Generated 28-Aug-2016 14:09:03 using performance time.

Function Name	Calls	Total Time	Self Time*
E51	1	3696.794 s	1.726 s
IntraEncode	287	1705.406 s	45.289 s
IntraDecode	286	1672.666 s	45.820 s
IntraEncode>blk_transform	1359264	1630.355 s	37.056 s
IntraDecode>blk_transform	1359072	1604.525 s	39.374 s
ZigZag8x8	1359264	1292.544 s	1292.544 s
DeZigZag8x8	1359072	1248.802 s	1248.802 s
IDCT8x8	1359072	300.179 s	42.231 s
DCT8x8	1359264	290.955 s	39.755 s
motionEstimation	285	266.328 s	94.565 s
idct2	1359072	257.948 s	36.549 s
dct2	1359264	251.200 s	36.465 s
images\private\idct	2718144	221.398 s	221.398 s
images\private\dct	2718528	214.734 s	214.734 s
block_matching	451440	171.763 s	171.763 s
dec_huffman_new	571	28.607 s	28.607 s
ZeroRunEnc	287	24.035 s	24.035 s
DeQuant8x8	1359072	16.171 s	16.171 s
enc_huffman_new	571	14.371 s	14.371 s
Quant8x8	1359264	9.800 s	9.800 s
mat2cell	1719	8.799 s	8.799 s



IntraDecode>split_block	1359072	8.674 s	8.674 s
ZeroRunDec	286	7.344 s	7.344 s
cell2mat	2005	3.202 s	3.202 s
motion_compensation	285	3.197 s	3.197 s
RGB2YCbCr	287	1.463 s	1.463 s
YCbCr2RGB	286	1.081 s	1.081 s
calcPSNR	286	0.793 s	0.230 s
calcMSE	286	0.563 s	0.563 s
buildHuffman	16	0.451 s	0.406 s
path	10	0.281 s	0.228 s
imread	21	0.222 s	0.032 s
imagesci\private\readbmp	20	0.153 s	0.007 s
newplot	1	0.139 s	0.087 s
imagesci\private\imbmpinfo	20	0.103 s	0.019 s
...\imbmpinfo>initializeBMPInfoStruct	20	0.061 s	0.003 s
ima...\private\initializeMetadataStruct	20	0.058 s	0.008 s
general\private\parsedirs	10	0.052 s	0.051 s
datestr	20	0.050 s	0.006 s
newplot>ObserveAxesNextPlot	1	0.049 s	0.010 s
meshgrid	858	0.047 s	0.047 s
buildHuffman>getcodes	3328	0.044 s	0.044 s
imagesci\private\readbmpdata	20	0.044 s	0.001 s
ima...ivate\readbmpdata>bmpReadData24	20	0.042 s	0.014 s
timefun\private\dateformverify	20	0.041 s	0.005 s
cla	1	0.038 s	0.030 s
timefun\private\formatdate	20	0.036 s	0.023 s
imagesci\private\imftype	21	0.030 s	0.009 s
ima...ivate\readbmpdata>readFromFile	20	0.021 s	0.018 s
strcat	20	0.014 s	0.013 s

hist	16	0.014 s	0.013 s
imagesci\private\imbmpinfo>readBMPInfo	20	0.014 s	0.003 s
cnv2icudf	20	0.012 s	0.012 s
imagesci\private\isbmp	20	0.012 s	0.012 s
imagesci\private\imbmpinfo>readWin3xInfo	20	0.011 s	0.002 s
imformats	21	0.008 s	0.004 s
rot90	20	0.007 s	0.007 s
mean	30	0.006 s	0.006 s
graphics\private\clo	1	0.006 s	0.006 s
...te\imbmpinfo>readWin3xBitmapHeader	20	0.006 s	0.005 s
close	1	0.005 s	0.004 s
imagesci\private\readtif	1	0.005 s	0.003 s
onCleanup>onCleanup.onCleanup	40	0.005 s	0.005 s
imformats>find_in_registry	21	0.004 s	0.004 s
onCleanup>onCleanup.delete	40	0.004 s	0.002 s
ishold	1	0.004 s	0.004 s
datestr>getdateform	20	0.003 s	0.003 s
newplot>ObserveFigureNextPlot	1	0.003 s	0.003 s
graphics\private\claNotify	1	0.003 s	0.003 s
imagesci\private\imbmpinfo>getSignature	20	0.003 s	0.003 s
imagesci\private\readtif>parse_args	1	0.002 s	0.001 s
ima...ate\imbmpinfo>readBMPFileHeader	20	0.002 s	0.002 s
imread>parse_inputs	21	0.002 s	0.002 s
imagesci\private\istif	1	0.002 s	0.002 s
axescheck	16	0.002 s	0.002 s
ima...vate\readbmpdata>@()fclose(fid)	20	0.001 s	0.001 s
...te\imbmpinfo>readVersion3xColormap	20	0.001 s	0.001 s
ima...rivate\imbmpinfo>@()fclose(fid)	20	0.001 s	0.001 s
imagesci\private\imbmpinfo>postProcess	20	0.001 s	0.001 s

blanks	20	0.001 s	0.001 s
close>safegetchildren	1	0.001 s	0.001 s
filesep	10	0.001 s	0.001 s
ima...atel\imbmpinfo>decodeCompression	20	0.001 s	0.001 s
pathsep	10	0.000 s	0.000 s
close>getEmptyHandleList	1	0.000 s	0.000 s
imagesci\private\readtif>process_region	1	0.000 s	0.000 s
close>request_close	1	0.000 s	0.000 s
imagesci\private\rtifc (MEX-file)	1	0.000 s	0.000 s
close>checkfigs	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 func
Self time also includes overhead resulting from the process of profiling.

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