

Profile Summary

Generated 02-Mar-2018 18:11:44 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
part1i	1	1.365 s	0.143 s	
close	1	0.658 s	0.005 s	
close>safegetchildren	1	0.532 s	0.225 s	
setdiff	2	0.292 s	0.024 s	
imread	2	0.268 s	0.035 s	
setdiff>setdiffR2012a	2	0.268 s	0.183 s	
imread>call_format_specific_reader	2	0.205 s	0.007 s	
imagesci\private\readbmp	2	0.198 s	0.004 s	
imagesci\private\imbmpinfo	2	0.153 s	0.012 s	
imresize	2	0.144 s	0.024 s	
close>request_close	1	0.119 s	0.011 s	
closereq	1	0.097 s	0.090 s	
...\imbmpinfo>initializeBMPInfoStruct	2	0.091 s	0.003 s	
ima...\private\initializeMetadataStruct	2	0.088 s	0.009 s	
datestr	2	0.079 s	0.009 s	

timefun\private\dateformverify	2	0.068 s	0.007 s	
timefun\private\formatdate	2	0.061 s	0.038 s	
unique	2	0.053 s	0.009 s	
fft2	2	0.051 s	0.051 s	
ifft2	2	0.050 s	0.050 s	
imresize>parseInputs	2	0.049 s	0.014 s	
unique>uniqueR2012a	2	0.044 s	0.044 s	
imagesci\private\imbmpinfo>readBMPInfo	2	0.041 s	0.007 s	
imagesci\private\readbmpdata	2	0.041 s	0.005 s	
ima...ivate\readbmpdata>bmpReadData24	2	0.036 s	0.020 s	
imresize>resizeAlongDim	4	0.036 s	0.005 s	
imagesci\private\imbmpinfo>readWin3xInfo	2	0.034 s	0.010 s	
ismember	3	0.034 s	0.003 s	
ismember>ismemberR2012a	3	0.031 s	0.008 s	
images\private\imresizemex (MEX-file)	4	0.030 s	0.030 s	
contributions	4	0.027 s	0.018 s	
angle	2	0.024 s	0.024 s	

ismember>ismemberClassTypes	3	0.023 s	0.023 s	
cnv2icudf	2	0.022 s	0.022 s	
...te\imbmpinfo>readWin3xBitmapHeader	2	0.015 s	0.014 s	
imresize>fixupSizeAndScale	2	0.014 s	0.008 s	
allchild	1	0.013 s	0.006 s	
rgb2gray	2	0.012 s	0.009 s	
close>request_close_helper	2	0.011 s	0.007 s	
imresize>parsePreMethodArgs	2	0.011 s	0.007 s	
fileparts	2	0.010 s	0.009 s	
ima...ivate\readbmpdata>readFromFile	2	0.010 s	0.008 s	
fftshift	2	0.009 s	0.009 s	
onCleanup>onCleanup.delete	5	0.009 s	0.006 s	
rot90	2	0.007 s	0.007 s	
cubic	4	0.007 s	0.007 s	
ifftshift	2	0.006 s	0.006 s	
ima...ate\imbmpinfo>readBMPFileHeader	2	0.006 s	0.006 s	
imread>get_full_filename	2	0.005 s	0.005 s	

imread>parse_inputs	2	0.005 s	0.005 s	
cell.ismember	2	0.004 s	0.004 s	
...te\imbmpinfo>readVersion3xColormap	2	0.004 s	0.004 s	
...graphics.internal.axesDestroyed(o.e)	2	0.004 s	0.002 s	
close>getEmptyHandleList	3	0.003 s	0.003 s	
imresize>fixupSize	2	0.003 s	0.003 s	
findFirstParamString	2	0.003 s	0.003 s	
imresize>findMethodArg	2	0.003 s	0.003 s	
deriveScaleFromSize	2	0.003 s	0.003 s	
imresize>scaleOrSize	2	0.003 s	0.003 s	
imagesci\private\imbmpinfo>postProcess	2	0.003 s	0.003 s	
rgb2gray>parse_inputs	2	0.003 s	0.003 s	
contributions>@(x)scale*kernel(scale*x)	1	0.003 s	0.002 s	
imagesci\private\imbmpinfo>getSignature	2	0.003 s	0.003 s	
imagesci\private\getFileFromURL	2	0.003 s	0.003 s	
imresize>checkForMissingOutputArgument	2	0.003 s	0.002 s	
imresize>postprocessImage	2	0.002 s	0.002 s	

...ger>SubplotListenersManager.delete	1	0.002 s	0.002 s	
imresize>warnIfPostMethodArgs	2	0.002 s	0.002 s	
imresize>preprocessImage	2	0.002 s	0.002 s	
onCleanup>onCleanup.onCleanup	5	0.002 s	0.002 s	
imresize>parseParamValuePairs	2	0.002 s	0.002 s	
axesDestroyed	2	0.002 s	0.002 s	
dimensionOrder	2	0.001 s	0.001 s	
...ddenHandles',oldUDDShowHiddenHandles)	1	0.001 s	0.001 s	
gcbf	2	0.001 s	0.001 s	
ispc	2	0.001 s	0.001 s	
ima...ivate\imbmpinfo>@()fclose(fid)	2	0.001 s	0.001 s	
ima...ate\imbmpinfo>decodeCompression	2	0.001 s	0.001 s	
isPureNearestNeighborComputation	8	0.001 s	0.001 s	
datestr>getdateform	2	0.001 s	0.001 s	
ima...vate\readbmpdata>@()fclose(fid)	2	0.001 s	0.001 s	
imresize>isInputIndexed	6	0.001 s	0.001 s	
close>checkfigs	2	0.001 s	0.001 s	

allchild>getchildren	1	0.001 s	0.001 s	
...set(rootobj,'ShowHiddenHandles'.Temp)	1	0.001 s	0.001 s	
uitools\private\allchildRootHelper	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.

Profile Summary

Generated 02-Mar-2018 19:03:25 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
part1ii	1	1.342 s	0.159 s	
close	1	0.548 s	0.031 s	
close>request_close	1	0.386 s	0.023 s	
closereq	1	0.343 s	0.327 s	
imread	3	0.326 s	0.029 s	
imread>call_format_specific_reader	3	0.267 s	0.007 s	
imagesci\private\readbmp	3	0.259 s	0.004 s	
imagesci\private\imbmpinfo	3	0.225 s	0.015 s	
imresize	3	0.139 s	0.024 s	
close>safegetchildren	1	0.126 s	0.021 s	
...\imbmpinfo>initializeBMPInfoStruct	3	0.117 s	0.004 s	
ima...\private\initializeMetadataStruct	3	0.113 s	0.012 s	
datestr	3	0.101 s	0.015 s	
timefun\private\dateformverify	3	0.084 s	0.008 s	
timefun\private\formatdate	3	0.076 s	0.044 s	

setdiff	2	0.072 s	0.004 s	
ifft2	3	0.071 s	0.071 s	
setdiff>setdiffR2012a	2	0.068 s	0.013 s	
imagesci\private\imbmpinfo>readBMPInfo	3	0.052 s	0.009 s	
ismember	3	0.050 s	0.008 s	
imagesci\private\imbmpinfo>readWin3xInfo	3	0.043 s	0.010 s	
imresize>parseInputs	3	0.042 s	0.013 s	
ismember>ismemberR2012a	3	0.042 s	0.021 s	
fft2	3	0.041 s	0.041 s	
imresize>resizeAlongDim	6	0.038 s	0.007 s	
imagesci\private\imbmpinfo>getSignature	3	0.036 s	0.036 s	
angle	3	0.035 s	0.035 s	
cnv2icudf	3	0.033 s	0.033 s	
imagesci\private\readbmpdata	3	0.031 s	0.002 s	
allchild	1	0.031 s	0.018 s	
images\private\imresizemex (MEX-file)	5	0.029 s	0.029 s	
ima...ivate\readbmpdata>bmpReadData24	3	0.029 s	0.014 s	

contributions	6	0.026 s	0.017 s	
ismember>ismemberClassTypes	3	0.020 s	0.020 s	
close>request_close_helper	2	0.019 s	0.006 s	
unique	2	0.017 s	0.008 s	
...te\imbmpinfo>readWin3xBitmapHeader	3	0.017 s	0.016 s	
ima...ate\imbmpinfo>readBMPFileHeader	3	0.014 s	0.014 s	
fileparts	3	0.014 s	0.012 s	
imresize>fixupSizeAndScale	3	0.012 s	0.006 s	
onCleanup>onCleanup.delete	7	0.009 s	0.005 s	
rgb2gray	3	0.009 s	0.007 s	
...graphics.internal.axesDestroyed(o.e)	3	0.009 s	0.004 s	
unique>uniqueR2012a	2	0.009 s	0.009 s	
imresize>parsePreMethodArgs	3	0.009 s	0.006 s	
ima...ivate\readbmpdata>readFromFile	3	0.008 s	0.007 s	
ifftshift	3	0.008 s	0.008 s	
contributions>@(x)scale*kernel(scale*x)	1	0.006 s	0.003 s	
rot90	3	0.006 s	0.006 s	

cubic	6	0.006 s	0.006 s	
fftshift	3	0.006 s	0.006 s	
cell.ismember	3	0.005 s	0.005 s	
imread>get_full_filename	3	0.005 s	0.005 s	
axesDestroyed	3	0.005 s	0.005 s	
close>getEmptyHandleList	3	0.005 s	0.005 s	
...ger>SubplotListenersManager.delete	1	0.004 s	0.004 s	
imread>parse_inputs	3	0.004 s	0.004 s	
findFirstParamString	3	0.003 s	0.003 s	
close>checkfigs	2	0.003 s	0.003 s	
gcbf	2	0.003 s	0.003 s	
imresize>findMethodArg	3	0.003 s	0.003 s	
allchild>getchildren	1	0.003 s	0.003 s	
isPureNearestNeighborComputation	12	0.003 s	0.003 s	
imresize>fixupSize	3	0.003 s	0.003 s	
imagesci\private\getFileFromURL	3	0.003 s	0.003 s	
deriveScaleFromSize	3	0.003 s	0.003 s	



imresize>scaleOrSize	3	0.003 s	0.003 s	
...set(rootobj,'ShowHiddenHandles'.Temp)	1	0.002 s	0.002 s	
onCleanup>onCleanup.onCleanup	7	0.002 s	0.002 s	
uitools\private\allchildRootHelper	1	0.002 s	0.002 s	
...te\imbmpinfo>readVersion3xColormap	3	0.002 s	0.002 s	
rgb2gray>parse_inputs	3	0.002 s	0.002 s	
resizeAlongDimUsingNearestNeighbor	1	0.002 s	0.002 s	
imresize>checkForMissingOutputArgument	3	0.002 s	0.001 s	
imagesci\private\imbmpinfo>postProcess	3	0.002 s	0.002 s	
imresize>postprocessImage	3	0.002 s	0.002 s	
datestr>getdateform	3	0.002 s	0.002 s	
ispc	3	0.002 s	0.002 s	
imresize>warnIfPostMethodArgs	3	0.002 s	0.002 s	
imresize>preprocessImage	3	0.001 s	0.001 s	
dimensionOrder	3	0.001 s	0.001 s	
ima...ivate\imbmpinfo>@()fclose(fid)	3	0.001 s	0.001 s	
ima...ate\imbmpinfo>decodeCompression	3	0.001 s	0.001 s	

imresize>parseParamValuePairs	3	0.001 s	0.001 s	
ima...vate\readbmpdata>@().fclose(fid)	3	0.001 s	0.001 s	
imresize>isInputIndexed	9	0.001 s	0.001 s	
...ddenHandles'.oldUDDShowHiddenHandles)	1	0.001 s	0.001 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.

Profile Summary

Generated 02-Mar-2018 19:03:56 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
part1iii	1	0.907 s	0.113 s	
imread	3	0.474 s	0.026 s	
imread>call_format_specific_reader	3	0.401 s	0.009 s	
imagesci\private\readbmp	3	0.392 s	0.004 s	
imagesci\private\imbmpinfo	3	0.347 s	0.013 s	
...\imbmpinfo>initializeBMPInfoStruct	3	0.270 s	0.003 s	
ima...\private\initializeMetadataStruct	3	0.267 s	0.008 s	
datestr	3	0.259 s	0.008 s	
timefun\private\dateformverify	3	0.249 s	0.004 s	
timefun\private\formatdate	3	0.245 s	0.220 s	
imresize	3	0.146 s	0.022 s	
ifft2	3	0.061 s	0.061 s	
fft2	3	0.057 s	0.057 s	
imresize>resizeAlongDim	6	0.044 s	0.008 s	
imagesci\private\readbmpdata	3	0.042 s	0.003 s	
imresize>parseInputs	3	0.040 s	0.011 s	
imagesci\private\imbmpinfo>readBMPInfo	3	0.039 s	0.012 s	
ima...\ivate\readbmpdata>bmpReadData24	3	0.038 s	0.018 s	
close	1	0.035 s	0.010 s	
images\private\imresizemex (MEX-file)	5	0.034 s	0.034 s	
contributions	6	0.030 s	0.018 s	
imagesci\private\imbmpinfo>readWin3xInfo	3	0.026 s	0.006 s	
cnv2icudf	3	0.025 s	0.025 s	

imread>get_full_filename	3	0.024 s	0.024 s	
close>safegetchildren	1	0.021 s	0.004 s	
imagesci\private\imbmpinfo>getSignature	3	0.020 s	0.020 s	
allchild	1	0.017 s	0.008 s	
...te\imbmpinfo>readWin3xBitmapHeader	3	0.013 s	0.012 s	
ima...ivate\readbmpdata>readFromFile	3	0.013 s	0.012 s	
imresize>fixupSizeAndScale	3	0.012 s	0.006 s	
rgb2gray	3	0.011 s	0.008 s	
fileparts	3	0.010 s	0.009 s	
imresize>parsePreMethodArgs	3	0.009 s	0.006 s	
contributions>@(x)scale*kernel(scale*x)	2	0.009 s	0.004 s	
onCleanup>onCleanup.delete	7	0.009 s	0.004 s	
cubic	6	0.008 s	0.008 s	
fftshift	3	0.007 s	0.007 s	
rot90	3	0.007 s	0.007 s	
cell.ismember	3	0.006 s	0.006 s	
ifftshift	3	0.005 s	0.005 s	
ima...ate\imbmpinfo>readBMPFileHeader	3	0.004 s	0.004 s	
imread>parse_inputs	3	0.004 s	0.004 s	
imresize>fixupSize	3	0.003 s	0.003 s	
imresize>scaleOrSize	3	0.003 s	0.003 s	
imagesci\private\imbmpinfo>postProcess	3	0.003 s	0.003 s	
isPureNearestNeighborComputation	12	0.003 s	0.003 s	
imresize>findMethodArg	3	0.003 s	0.003 s	
deriveScaleFromSize	3	0.003 s	0.003 s	
rgb2gray>parse_inputs	3	0.003 s	0.003 s	
findFirstParamString	3	0.002 s	0.002 s	

...te\imbmpinfo>readVersion3xColormap	3	0.002 s	0.002 s	
...set(rootobj,'ShowHiddenHandles'.Temp)	1	0.002 s	0.002 s	
imresize>checkForMissingOutputArgument	3	0.002 s	0.001 s	
imresize>warnIfPostMethodArgs	3	0.002 s	0.002 s	
imagesci\private\getFileFromURL	3	0.002 s	0.002 s	
onCleanup>onCleanup.onCleanup	7	0.002 s	0.002 s	
imresize>preprocessImage	3	0.002 s	0.001 s	
imresize>postprocessImage	3	0.002 s	0.001 s	
resizeAlongDimUsingNearestNeighbor	1	0.002 s	0.002 s	
close>request_close	1	0.001 s	0.001 s	
allchild>getchildren	1	0.001 s	0.001 s	
close>getEmptyHandleList	1	0.001 s	0.001 s	
ima...ate\imbmpinfo>decodeCompression	3	0.001 s	0.001 s	
uitools\private\allchildRootHelper	1	0.001 s	0.001 s	
ima...ivate\imbmpinfo>@()fclose(fid)	3	0.001 s	0.001 s	
dimensionOrder	3	0.001 s	0.001 s	
datestr>getdateform	3	0.001 s	0.001 s	
close>checkfigs	1	0.001 s	0.001 s	
ima...vate\readbmpdata>@()fclose(fid)	3	0.001 s	0.001 s	
imresize>parseParamValuePairs	3	0.001 s	0.001 s	
ispc	3	0.001 s	0.001 s	
imresize>isInputIndexed	9	0.001 s	0.001 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.