

IsScalar	M-function	12	0 s	0%	
im2single	M-function	1	0 s	0%	
multiScaleEnh>egag	M-subfunction	1	0 s	0%	
Self time (built-ins, overhead, etc.)			0.156 s	21.3%	<div></div>
Totals			0.733 s	100%	

Coverage results

[[Show coverage for parent directory](#)]

Total lines in file	368
Non-code lines (comments, blank lines)	219
Code lines (lines that can run)	149
Code lines that did run	33
Code lines that did not run	116
Coverage (did run/can run)	22.15 %

Function listing

Color highlight code according to

time

time

calls

line

```
1 function [ outImg execTime ] = multiScaleEnh(inImg,j,
2                                     sigma,t1,
3                                     sampl)
4
5 %MULTISCALEENH Multi-scale enhancement of medical ult
6 % [ENHANCEDIMAGE EXECUTIONTIME] =
7 % MULTISCALENH(INIMG,J,ALPHA,TMIN,TMAX,SIGMA,T1,T2,
8 %
9 % Returns:
10 % outImg      Processed Image.
11 % execTime    Execution time for image enhancement
12 %
13 % Parameters:
14 % INIMG      -   Input image.
15 % J          -   Number of channels to be computed by
16 % ALPHA      -   Decreasing factor for soft threshold
17 %             channels in DWT.
18 % TMIN       -   Minimum scaling factor for soft thre
19 % TMAX       -   Maximum scaling factor for soft thre
20 % SIGMA      -   Estimate of the standard deviation c
21 % T1         -   Hard threshold.
22 % T2         -   Lower bound for edge enhancement thr
23 %             Adaptive Gain of DWT coefficients.
24 % T3         -   Upper bound for edge enhancement thr
25 %             Adaptive Gain of DWT coefficients.
26 % C          -   Gain in GAG-function.
27 % B          -   Controls shape and sign of GAG-funct
```