


| | | | | | |
|---------------------------------------|---------------|----|---------|------|---|
| IsScalar | M-function | 12 | 0 s | 0% | |
| mean | M-function | 1 | 0 s | 0% | |
| multiScaleEnh>egag | M-subfunction | 1 | 0 s | 0% | |
| Self time (built-ins, overhead, etc.) | | | 0.061 s | 9.3% | ■ |
| Totals | | | 0.654 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    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
```