


IsScalar	M-function	12	0 s	0%	
im2single	M-function	1	0 s	0%	
multiScaleEnh>lookUp	M-subfunction	6	0 s	0%	
Self time (built-ins, overhead, etc.)			0.046 s	7.0%	■
Totals			0.656 s	100%	

Coverage results

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

Total lines in file	364
Non-code lines (comments, blank lines)	215
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
```