

Coverage results

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

Total lines in file	157
Non-code lines (comments, blank lines)	86
Code lines (lines that can run)	71
Code lines that did run	47
Code lines that did not run	24
Coverage (did run/can run)	66.20 %

Function listing

Color highlight code according to

```
time  calls  line
1 function [outPic time] = AWMF(inPic, c, K, wCenter, g
2 %AWMF Adaptive Weighted Median Filter
3 % [OUTPIC TIME] = AWMF(INPIC, C, K, WCENTER, GRAPHS
4 % use an Adaptive Weighted Median Filter for reduci
5 % result, OUTPIC, has the same size and class as IN
6 % for the function is returned in the variable TIME
7 %
8 % The weights, [W], for a sequence, [X], extends th
9 % For example, if W = [w1=2 w2=0 w3=3] the weighted
10 % sequence x = [x1 x2 x3] is [x1 x1 x3 x3 x3].
11 % The weights for a local neighbourhood is given by
12 %
13 % W(i,j) = [WCENTER - distance * C * LocalMean / Lo
14 %
15 % For more information and details see project docu
16 %
17 % INPIC      Input grayscale picture, UINT8
18 % C          Scalar constant, C >= 0 (if 0, me
19 % K          Size of 2D filter kernel (N*N), N
20 %           K <= min(size(INPIC))
21 % WCENTER    Kernel Centrum Weight, WCENTER >=
22 % GRAPHS     if 1 shows extra graphs for devel
23 %
24 % Class support for inputs INPIC
25 % uint8
26 % Class support for inputs C, K, WCENTER, GRAPHS:
27 % double
28 %
29 % Class for output OUTPIC
30 % uint8
31 % Class for output TIME
32 % double
33 %
34 % Requirements: IMFILTER in Image Processing Toolbo
35 %
36 % See also MEDIAN.
37 %
38 % Licensed under BSD as a part of EDGY project sour
```