

Attribute Profiles are efficiently computed from min and max-trees. These various concepts are explained in the slides and papers provided in the module. Nevertheless, to ease understanding, below is a simple example. Please note that of course the tree topology is usually more complex (here is it a simple 3x3 image!).

### Max-tree

1 root (always unique = whole image)

1	2	1
1	3	1
1	2	1



	2	
	3	
	2	

1 intermediate component



	3	

1 leaf (maxima = max-tree)

### Min-tree

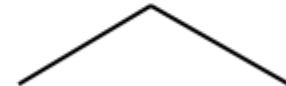
1 root (always unique = whole image)

1	2	1
1	3	1
1	2	1



1	2	1
1		1
1	2	1

1 intermediate component



1		
1		
1		

		1
		1
		1

2 leaves (minima = min-tree)

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