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web mar 29 2020 what is connected component labeling visualization of an example code in matlab what is connected component labeling this is a computer vision algorithm to detect and count the number of connected regions also called blobs in a binary image often this is done after a segmentation algorithm

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web may 16 2019 this is a matlab function that utilises the image processing toolbox to convert any image to its edge image using canny algorithm and then label connected components in it the whole labelling algorithm is in a function that you can apply to any image the edge image goes through the labelling algorithm and final image is displayed

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web feb 10 2014 this function is partly based on the two pass algorithm described here en wikipedia org wiki connected component labeling i did not make use of the disjoint data set structure at least that i am aware of to connect the linked labels