ImageProcessing Activity Diagram

Corbyn Yhap | December 9, 2019

Process

Apply Green Mask

↓

processMask(greenMask)

First Time Through →

Second Time Through

Make Good Objects with these poses

↓

Update list of all Objects

↓

Apply Red Mask

↓

processMask(redMask)

First Time Through

Second Time Through →

Make Bad Objects with these poses

↓

Update list of all Objects

↓

Return List of all Objects

ProcessMask

Identify Number Of Objects in Image

↓

Collect Center Pixel Locations of Each item in the Image

↓

Compute Pose of all Pixel Locations

↓

◇ — Yes / No

Yes → Return Vector of Pixel Indices

No → Return Vector of Poses

pixelsForPoses boolean set?