## depth\_clustering::Abstract ImageLabeler

- # \_depth\_image\_ptr
  # params
- # label image
- # radians threshold
- # RANDOM\_COLORS
- + AbstractImageLabeler()
- + ~AbstractImageLabeler()
- + SetDepthImage()
- + ComputeLabels()
- + GetLabelImage()
- + LabelsToColor()

- + Neighborhood
- + NEIGH\_SIZE
- + DijkstralmageLabeler()
- + ~DijkstralmageLabeler()
- + ComputeLabels()

- + Neighborhood
- + NEIGH\_SIZE
- + LinearImageLabeler()
- + ~LinearImageLabeler()
- + LabelOneComponent()+ DepthAt()
- + LabelAt()
- + SetLabel()
- + WrapCols()
- + ComputeLabels()