```
depth_clustering::Pose
  + Pose()
  + Pose()
+ Pose()
+ Pose()
  + X()
  + y()
+ z()
  + theta()
  + likelihood()
  + SetX()

    SetY()

    SetZ()

  + SetTheta()
  + SetPitch()
  + SetRoll()
+ SetYaw()
  + SetLikelihood()+ ToLocalFrameOf()
  + InLocalFrameOf()
  + InLocalFrameOf()
  + operator=()
  + operator=()
  + operator=()
  + operator=()
  + operator-()
  + Print2D()
  + Print3D()
    ToVector6f()
  + FromVector6f()
                 #_sensor_pose
                     #_pose
  depth_clustering::Cloud
  _points
   _projection
+ Cloud()
+ Cloud()
+ Cloud()
+ ~Cloud()
+ points()
+ pose()
+ pose()
+ sensor_pose()
+ sensor_pose()
+ push back()
+ size()
+ empty()
+ reserve()
+ operator[]()
+ operator[]()
+ at()
+ at()
+ Resize()
+ SetPose()
+ projection_ptr()
+ projection_ptr()
+ PointsProjectedToPixel()
+ TransformInPlace()
+ Transform()
+ SetProjectionPtr()
+ InitProjection()
+ FromImage()
```