

## Surface

- m\_landmark\_cloud : Cloud
- m\_adjacency\_matrix : MatrixXd
- + Surface()
- + Surface(Cloud, MatrixXd)
- + ~Surface()
- + get\_num\_landmarks() : int
- + get\_landmark\_coordinates(int) : Point
- + get\_landmark\_coordinates\_as\_vector(int) : Vector3d
- + get\_adjacent\_landmarks(int) : vector<Point>
- + get\_cloud() : Cloud
- + get\_adjacency\_matrix() : MatrixXd
- + set\_landmarks(vector<Point>&)
- + substitute\_landmark\_at\_position(int, Point)
- + add\_a\_landmark(Point)
- + add\_another\_vector\_of\_landmarks(vector<Point>&)
- + set\_cloud(Cloud)
- + set\_adjacency\_matrix(MatrixXd)
- + swap\_elements\_from\_indexes(int, int)
- + view()
- + save\_txt(string, string)
- + load\_txt(string, string) : Surface