## **Navigator**

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## Navigator

- n\_: ros::NodeHandle

- colObjPose\_ :ros::Publisher

- subClosestObj\_ :ros::Subscriber

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- clientDelObj\_: ros::ServiceClient

- clientGetPos\_ : ros::ServiceClient

- closestObject : std::string

- deleteOkay : bool

vels : geometry\_msgs::Twist

- aclient : MoveBaseClient

+ closestPose: pacman::ObjPose

+ navStackStatus: bool

+ allowImgCallback: bool

+ sendGoal: bool

+ movement: std::shared\_ptr<Movement>

- + Navigator()
- + laserScanCallback(const sensor\_msgs::LaserScan::ConstPtr&)
- + imgCallback(const pacman::VecPoses::ConstPtr&)
- + closestCallback(const gazebo\_msgs::ModelStates)
- + isNan(float) : static bool
- + checkVisuals(): bool
- + deleteObject():
- + setDelete():
- + resetDelete():