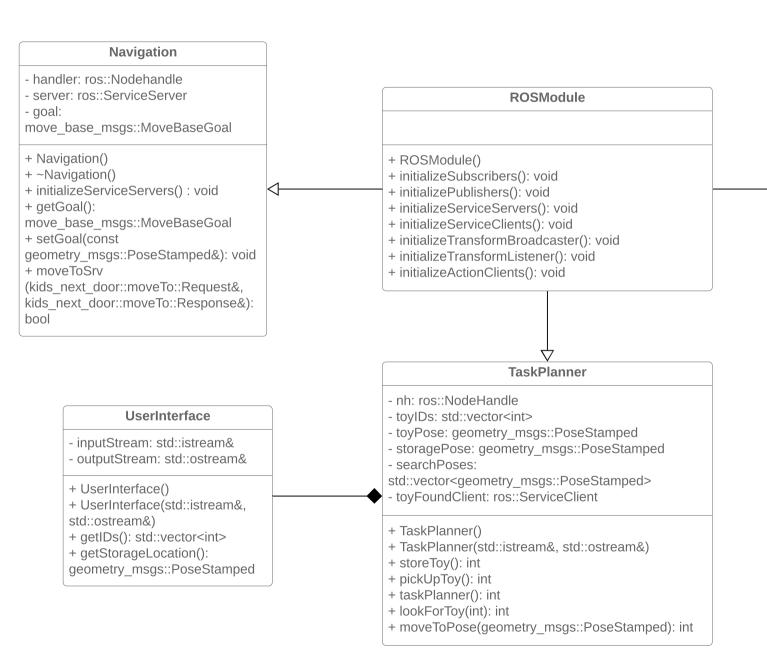
kids_next_door Revised Class Diagram

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ToyDetection

- listener: tf::TransformListener
- server : ros::ServiceServer
- transform: tf::StampedTransform
- currToyID: double
- arucoSub: ros::Subscriber
- nh: ros::NodeHandle
- detectionFlag: std msgs::Bool
- toyPose: geometry::PoseStamped
- + ToyDetection()
- + ~TovDetection()
- + initializeSubscribers(): void
- + initializeServiceServers(): void
- + detectArUco(): int
- + detectionCb(const std msgs::Bool::ConstPtr&): void
- + findToySrv(kids_next_door::toyFound::Request&,

kids next door::toyFound::Response&): bool