

BaseGlobalPlanner

```
classDiagram
    class BaseGlobalPlanner
    class ForwardGlobalPlanner {
        +nh_
        +planPub_
        +costmap_ros_
        +skip_straight_motion_distance_
        +puresSpinningRadStep_
        +ForwardGlobalPlanner()
        +makePlan()
        +makePlan()
        +initialize()
    }
    ForwardGlobalPlanner --|> BaseGlobalPlanner
```

The diagram shows a class hierarchy. At the top is the 'BaseGlobalPlanner' class, represented by a rectangle with three horizontal compartments. The top compartment contains the class name. Below it are two empty compartments. At the bottom is the 'forward_global_planner::ForwardGlobalPlanner' class, represented by a shaded rectangle with three horizontal compartments. The top compartment contains the class name. The middle compartment contains a list of private attributes, each preceded by a minus sign. The bottom compartment contains a list of public methods, each preceded by a plus sign. A blue arrow with an open triangle head points from the 'forward_global_planner::ForwardGlobalPlanner' class to the 'BaseGlobalPlanner' class, indicating inheritance.

forward_global_planner
::ForwardGlobalPlanner

- nh_
- planPub_
- costmap_ros_
- skip_straight_motion
distance
- puresSpinningRadStep_

+ ForwardGlobalPlanner()
+ makePlan()
+ makePlan()
+ initialize()