

```

    {smacc2::ISmaccComponent
    |# stateMachine_
    # owner_
    |+ ISmaccComponent()
    + ~ISmaccComponent()
    + getName()
    # onInitialize()
    # postEvent()
    # postEvent()
    # onOrthogonalAllocation()
    # requiresComponent()
    # requiresComponent()
    # requiresClient()
    # createSiblingComponent()
    # createSiblingNamedComponent()
    # getNode()
    # getLogger()
    # getStateMachine()
    - initialize()
    - setStateMachine()
    }

```



```

{cl_nav2z::CpWaypointNavigatorBase
|+ waypointsEventDispatcher
+ currentWaypoint_
# waypoints_
# waypointsNames_
|+ CpWaypointNavigatorBase()
+ ~CpWaypointNavigatorBase()
+ onInitialize()
+ loadWayPointsFromFile()
+ loadWayPointsFromFile2()
+ setWaypoints()
+ setWaypoints()
+ getWaypoints()
+ getWaypointNames()
+ getNamedPose()
+ getPose()
+ getCurrentPose()
+ getCurrentWaypointIndex()
+ getCurrentWaypointName()
+ rewind()
+ forward()
+ seekName()
+ loadWaypointsFromYamlParameter()
+ notifyGoalReached()
# insertWaypoint()
# removeWaypoint()
}

```



```

{cl_nav2z::CpWaypointNavigator
|+ client_
+ onNavigationRequestSucceeded
+ onNavigationRequestAborted
+ onNavigationRequestCancelled
- succeededNav2ZClientConnection_
- abortedNav2ZClientConnection_
- cancelledNav2ZClientConnection_
|+ CpWaypointNavigator()
+ onInitialize()
+ onOrthogonalAllocation()
+ sendNextGoal()
+ stopWaitingResult()
- onNavigationResult()
- onGoalReached()
- onGoalCancelled()
- onGoalAborted()
}

```