

Seek And Capture forocoches

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1 Hierarchical Index	1
1.1 Class Hierarchy	1
2 Class Index	3
2.1 Class List	3
3 Class Documentation	5
3.1 seek_and_capture_forocoches::FindPerson Class Reference	5
3.2 seek_and_capture_forocoches::Is_on_ground Class Reference	6
3.3 seek_and_capture_forocoches::IsPerson Class Reference	7
3.4 seek_and_capture_forocoches::LowBattery Class Reference	8
3.5 seek_and_capture_forocoches::Navigation Class Reference	9
3.6 seek_and_capture_forocoches::PIDController Class Reference	10
Index	11

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

BT::ActionNodeBase	
seek_and_capture_forocoches::FindPerson	5
seek_and_capture_forocoches::IsPerson	7
seek_and_capture_forocoches::Navigation	9
BT::ConditionNode	
seek_and_capture_forocoches::Is_on_ground	6
seek_and_capture_forocoches::LowBattery	8
seek_and_capture_forocoches::PIDController	10

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

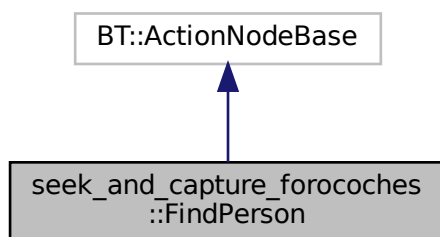
seek_and_capture_forocoche::FindPerson	5
seek_and_capture_forocoche::Is_on_ground	6
seek_and_capture_forocoche::IsPerson	7
seek_and_capture_forocoche::LowBattery	8
seek_and_capture_forocoche::Navigation	9
seek_and_capture_forocoche::PIDController	10

Chapter 3

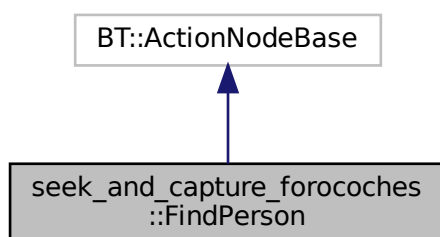
Class Documentation

3.1 seek_and_capture_forocoche::FindPerson Class Reference

Inheritance diagram for seek_and_capture_forocoche::FindPerson:



Collaboration diagram for seek_and_capture_forocoche::FindPerson:



Public Member Functions

- **FindPerson** (const std::string &xml_tag_name, const BT::NodeConfiguration &conf)
- void **halt** ()
- BT::NodeStatus **tick** ()

Static Public Member Functions

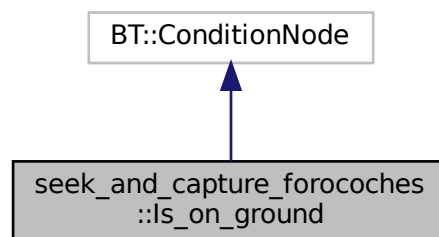
- static BT::PortsList **providedPorts** ()

The documentation for this class was generated from the following files:

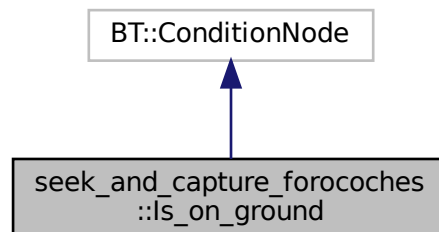
- include/seek_and_capture_forocoches/FindPerson.hpp
- src/seek_and_capture_forocoches/FindPerson.cpp

3.2 seek_and_capture_forocoches::ls_on_ground Class Reference

Inheritance diagram for seek_and_capture_forocoches::ls_on_ground:



Collaboration diagram for seek_and_capture_forocoches::ls_on_ground:



Public Member Functions

- **Is_on_ground** (const std::string &xml_tag_name, const BT::NodeConfiguration &conf)
- BT::NodeStatus **tick** ()
- void **wheel_drop_callback** (kobuki_ros_interfaces::msg::WheelDropEvent::UniquePtr msg)

Static Public Member Functions

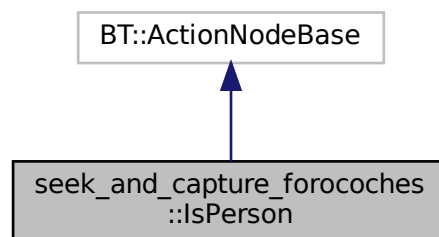
- static BT::PortsList **providedPorts** ()

The documentation for this class was generated from the following files:

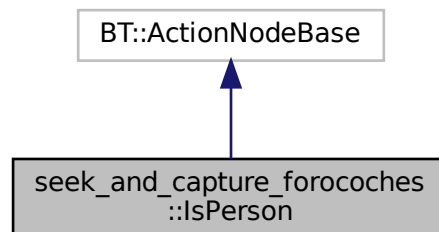
- include/seek_and_capture_forocoche/Is_on_ground.hpp
- src/seek_and_capture_forocoche/Is_on_ground.cpp

3.3 seek_and_capture_forocoche::IsPerson Class Reference

Inheritance diagram for seek_and_capture_forocoche::IsPerson:



Collaboration diagram for seek_and_capture_forocoche::IsPerson:



Public Member Functions

- **IsPerson** (const std::string &xml_tag_name, const BT::NodeConfiguration &conf)
- void **halt** ()
- BT::NodeStatus **tick** ()
- void **detection_callback** (vision_msgs::msg::Detection3DArray::UniquePtr msg)

Static Public Member Functions

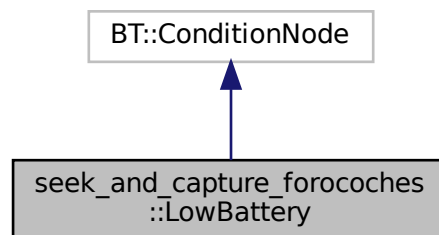
- static BT::PortsList **providedPorts** ()

The documentation for this class was generated from the following files:

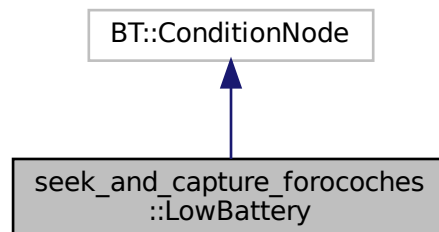
- include/seek_and_capture_forocoches/IsPerson.hpp
- src/seek_and_capture_forocoches/IsPerson.cpp

3.4 seek_and_capture_forocoches::LowBattery Class Reference

Inheritance diagram for seek_and_capture_forocoches::LowBattery:



Collaboration diagram for seek_and_capture_forocoches::LowBattery:



Public Member Functions

- **LowBattery** (const std::string &xml_tag_name, const BT::NodeConfiguration &conf)
- BT::NodeStatus **tick** ()
- void **battery_callback** (sensor_msgs::msg::BatteryState::UniquePtr msg)

Static Public Member Functions

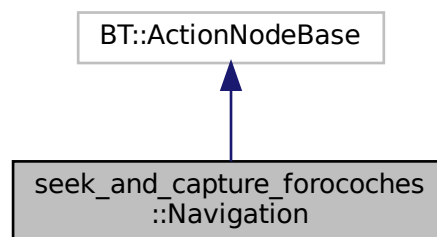
- static BT::PortsList **providedPorts** ()

The documentation for this class was generated from the following files:

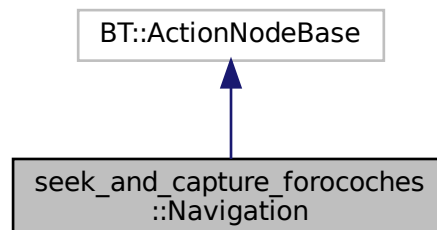
- include/seek_and_capture_forocoches/LowBattery.hpp
- src/seek_and_capture_forocoches/LowBattery.cpp

3.5 seek_and_capture_forocoches::Navigation Class Reference

Inheritance diagram for seek_and_capture_forocoches::Navigation:



Collaboration diagram for seek_and_capture_forocoches::Navigation:



Public Member Functions

- **Navigation** (const std::string &xml_tag_name, const BT::NodeConfiguration &conf)
- void **halt** ()
- BT::NodeStatus **tick** ()

Static Public Member Functions

- static BT::PortsList **providedPorts** ()

The documentation for this class was generated from the following files:

- include/seek_and_capture_forocoches/Navigation.hpp
- src/seek_and_capture_forocoches/Navigation.cpp

3.6 seek_and_capture_forocoches::PIDController Class Reference

Public Member Functions

- **PIDController** (double min_ref, double max_ref, double min_output, double max_output)
- void **set_pid** (double n_KP, double n_KI, double n_KD)
- double **get_output** (double new_reference)

The documentation for this class was generated from the following files:

- include/seek_and_capture_forocoches/PIDController.hpp
- src/seek_and_capture_forocoches/PIDController.cpp

Index

seek_and_capture_forocoche::FindPerson, [5](#)
seek_and_capture_forocoche::Is_on_ground, [6](#)
seek_and_capture_forocoche::IsPerson, [7](#)
seek_and_capture_forocoche::LowBattery, [8](#)
seek_and_capture_forocoche::Navigation, [9](#)
seek_and_capture_forocoche::PIDController, [10](#)