

# airbot\_sdk.hpp File Reference

Main SDK interface for controlling Airbot robotic arm. [More...](#)

```
#include <spdlog/sinks/stdout_color_sinks.h>
```

```
#include <spdlog/spdlog.h>
```

```
#include <array>
```

```
#include <future>
```

```
#include <memory>
```

```
#include <string>
```

```
#include <variant>
```

```
#include <vector>
```

```
#include "driver_state.hpp"
```

```
#include "robot_mode.hpp"
```

```
#include "speed_profile.hpp"
```

Include dependency graph for airbot\_sdk.hpp:

[Go to the source code of this file.](#)

## Classes

```
class    airbot::AirbotSdk
```

Core class for interacting with the Airbot robotic arm. [More...](#)

## Namespaces

```
namespace    airbot
```

Namespace containing all Airbot SDK related definitions.

## Detailed Description

Main SDK interface for controlling Airbot robotic arm.

This file contains the declaration of the AirbotSdk class which provides an interface to control and monitor the state of the Airbot robotic arm. It includes methods for managing connection,

monitoring state, controlling motion, and loading/unloading applications. All operations are thread-safe.