

Open source multicopter library

Data structure

- multicopter (*git repository root*)
 - cpp
 - include
 - communication
 - common
 - source
 - communication
 - common
 - java
 - actions
 - data
 - events
 - python
 - doc

C++

C++ classes

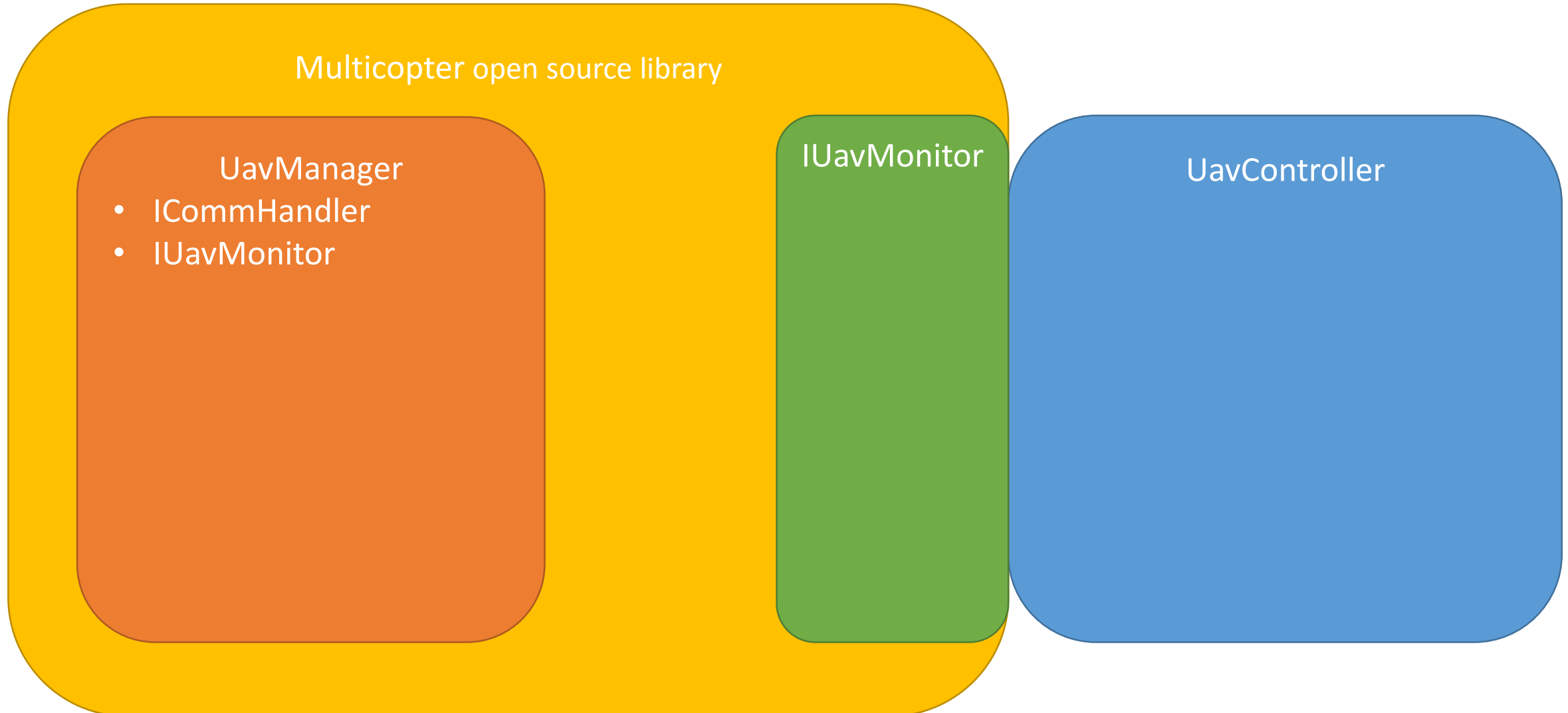
- Communication

- IMessage
- ISignalPayloadMessage
- SignalData
- ControlData
- DebugData
- AutopilotData
- SensorsData
- CalibrationSettings
- ControlSettings
- RouteContainer
- CommDispatcher
- ICommInterface
- ICommHandler

- Common

- MathCore
 - Vect(2,3,4)D<_Tp>
 - Mat(2,3,4)D<_Tp>
 - Vector<_Tp>
 - Matrix<_Tp>
- Location
- Waypoint
- ImuData
- GpsData
- UavManager
- IUavMonitor
- UavEvent
- UserUavEvent
- Exception

C++ user application model



Java

Java

- Classes are in packadge „**com.java.multicopter.XXX**”