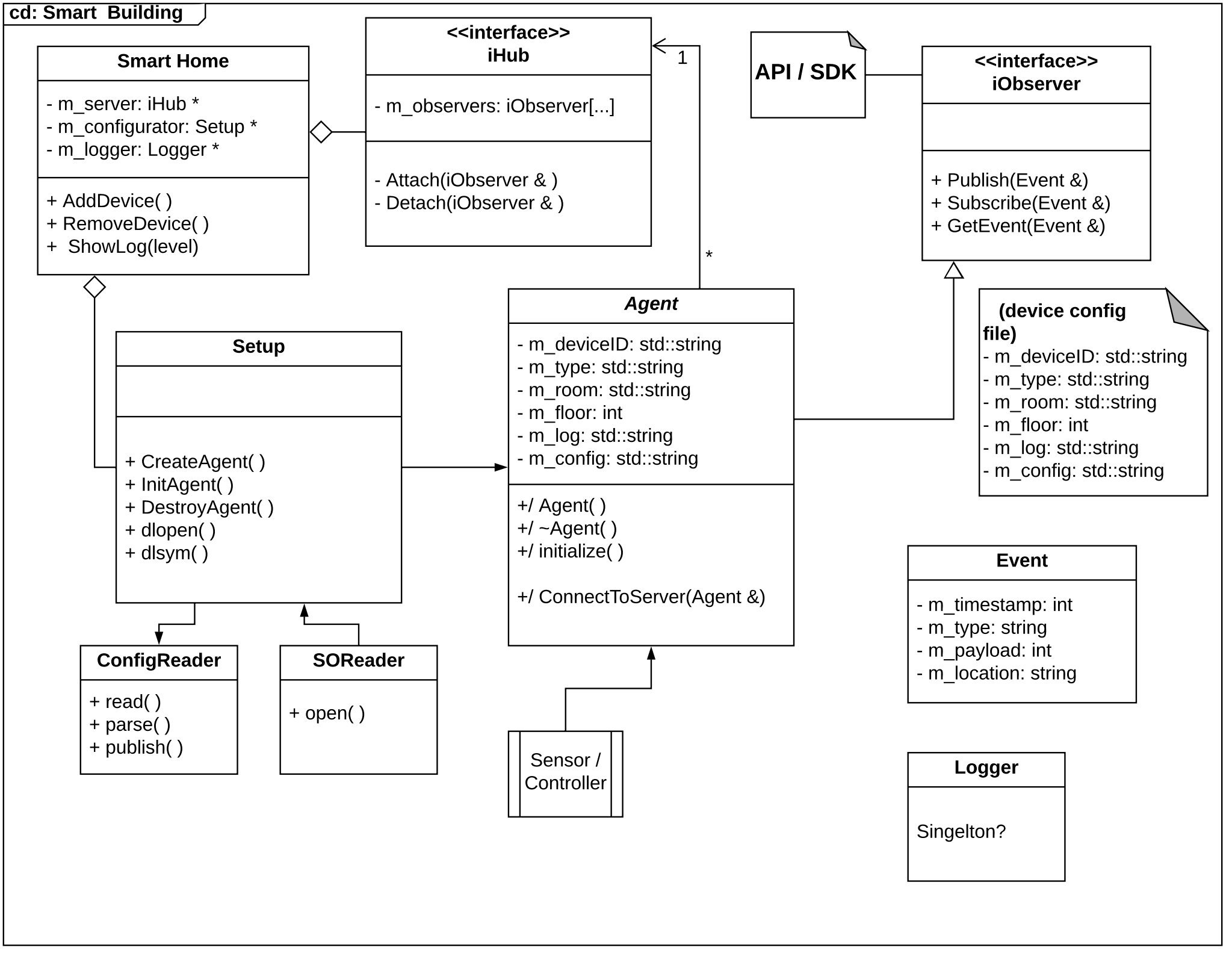
cd: Smart Building
Smart Home
- m_server: iHub *
- m_configurator: Setup *
- m_logger: Logger *
+ AddDevice( )
+ RemoveDevice( )
+ ShowLog(level)
<<interface>>
iHub
- m_observers: iObserver[...]
- Attach(iObserver &)
- Detach(iObserver &)
1
*
API / SDK
<<interface>>
iObserver
+ Publish(Event &)
+ Subscribe(Event &)
+ GetEvent(Event &)
Setup
+ CreateAgent( )
+ InitAgent( )
+ DestroyAgent( )
+ dlopen( )
+ dlsym( )
Agent
- m_deviceID: std::string
- m_type: std::string
- m_room: std::string
- m_floor: int
- m_log: std::string
- m_config: std::string
+/ Agent( )
+/ ~Agent( )
+/ initialize( )
+/ ConnectToServer(Agent &)
(device config file)
- m_deviceID: std::string
- m_type: std::string
- m_room: std::string
- m_floor: int
- m_log: std::string
- m_config: std::string
ConfigReader
+ read( )
+ parse( )
+ publish( )
SOReader
+ open( )
Sensor / Controller
Event
- m_timestamp: int
- m_type: string
- m_payload: int
- m_location: string
Logger
Singelton?