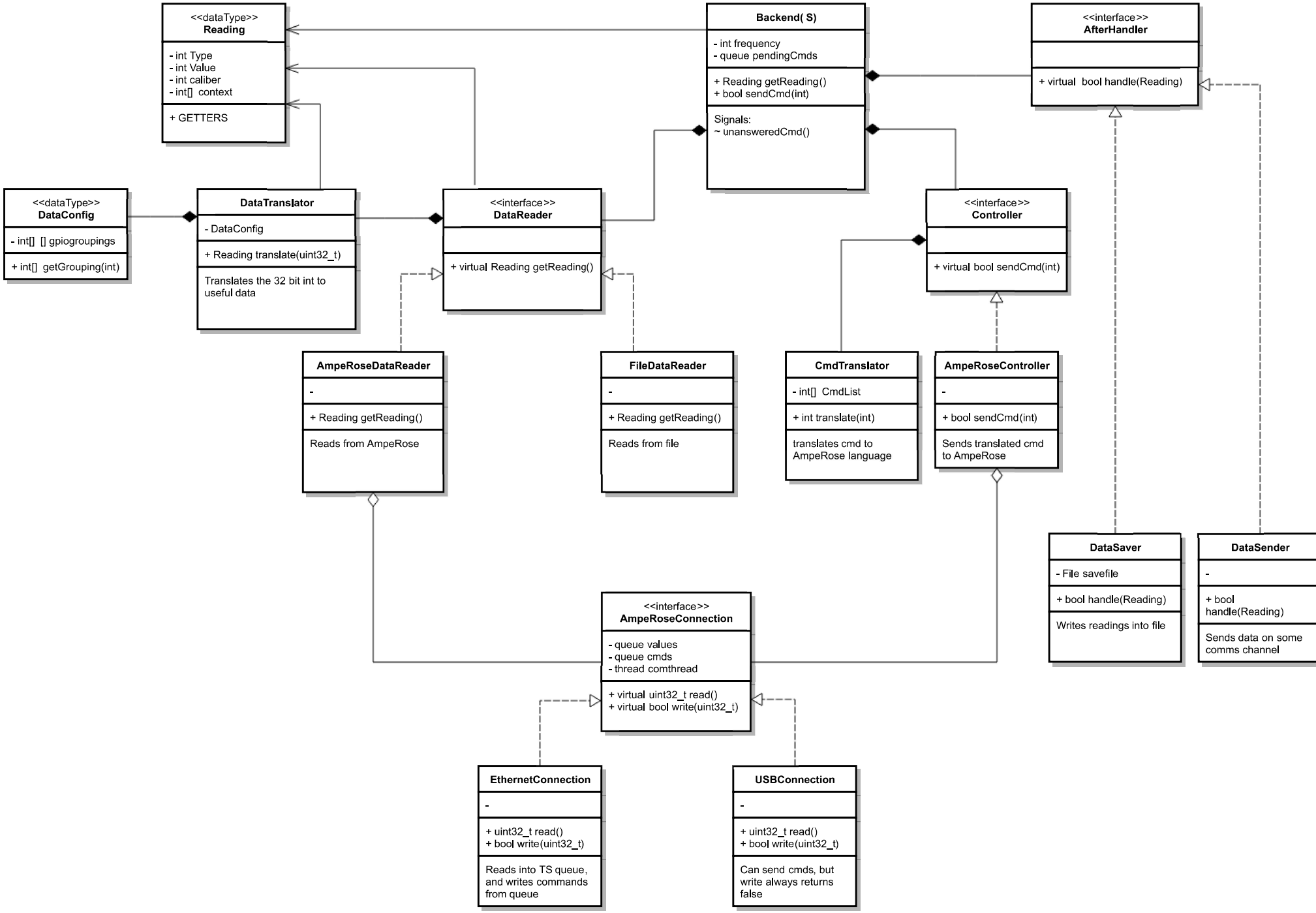
<<dataType>>
Reading
- int Type
- int Value
- int caliber
- int[] context
+ GETTERS
Backend(S)
- int frequency
- queue pendingCmds
+ Reading getReading()
+ bool sendCmd(int)
Signals:
~ unansweredCmd()
<<interface>>
AfterHandler
+ virtual bool handle(Reading)
<<dataType>>
DataConfig
- int[] [] gpiogroupings
+ int[] getGrouping(int)
DataTranslator
- DataConfig
+ Reading translate(uint32_t)
Translates the 32 bit int to useful data
<<interface>>
DataReader
+ virtual Reading getReading()
<<interface>>
Controller
+ virtual bool sendCmd(int)
AmpeRoseDataReader
-
+ Reading getReading()
Reads from AmpeRose
FileDataReader
-
+ Reading getReading()
Reads from file
CmdTranslator
- int[] CmdList
+ int translate(int)
translates cmd to AmpeRose language
AmpeRoseController
-
+ bool sendCmd(int)
Sends translated cmd to AmpeRose
DataSaver
- File savefile
+ bool handle(Reading)
Writes readings into file
DataSender
-
+ bool handle(Reading)
Sends data on some comms channel
<<interface>>
AmpeRoseConnection
- queue values
- queue cmds
- thread comthread
+ virtual uint32_t read()
+ virtual bool write(uint32_t)
EthernetConnection
-
+ uint32_t read()
+ bool write(uint32_t)
Reads into TS queue, and writes commands from queue
USBConnection
-
+ uint32_t read()
+ bool write(uint32_t)
Can send cmds, but write always returns false