

## This homemade library implements high level functions to operate the open-seismic hardware

All functions need a stream object, which is the serial port you want to use to send commands.

All functions use a command object to transfer data:

```
typedef int commandType;
typedef int commandDef;

typedef struct {
    commandType type;
    commandDef def;
    int status;
    int adcConfig;
    String data;
    int workerId;
    bool empty;
} command;
```

This allows to have different *command* objects depending on the communication needs.

The `buildAndSendCommand` function sends all the parameters in the command struct object with a letter before each parameter. This makes it easy to decode the information in the `readCommand` function.

When the leader wants to harvest the data from a worker, it sends a command asking for data. The worker writes the data directly into the serial port while the leader is ready to listen.