## description for Parser.dll

### *File parser.h:*

#ifndef PARSER\_H

#define PARSER\_H

#include "parser\_global.h"

#include <QString>

class PARSERSHARED\_EXPORT Parser

{

public:

Parser();

enum Error{

NO\_ERRORS = 0,

FILE\_NOT\_FOUND = 1,

INVALID\_PACKET = 2

};

Error parse(QString const filename, QString &result);

private:

QString mFilename;

QString mResult;

};

#endif // PARSER\_H

### Discription:

* Parser(); It doesn’t require any input information;
* enum Error{

NO\_ERRORS = 0,

FILE\_NOT\_FOUND = 1,

INVALID\_PACKET = 2

};

* + description : list of all errors
  + parameters:
    - NO\_ERRORS = 0,(returns result of parsing without errors);
    - FILE\_NOT\_FOUND = 1,(returns error that file path is incorrect);
    - INVALID\_PACKET = 2 (returns error that packet is incorrect)
* Error parse(QString const filename, QString &result);
  + Description: parse packet (for example InfoFrame packet)
  + Retrun value: result
  + Parameters:
    - filename – the packet path (input data)
    - result – parsed packet info (output data)

### eXample:

### *file mainwindow.cpp:*

...

QString packetInfo;

QString filename;

Parser parser;

parser.parse(filename, packetInfo);

//