BitFileIO.h Page 1

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/**
               Huffman.cpp
Deklaration Klassen BitFileOut und BitFileIn.
Jan Tammen (FH Konstanz), <jan.tammen@fh-konstanz.de>
Christoph Eck (FH Konstanz), <christoph.eck@fh-konstanz.de>
 * @file
 * @synopsis
 * @author
 * @author
 * @date
                2005-06-20
#ifndef BITFILEIO_H
#define BITFILEIO_H
#include <iostream>
#include <fstream>
#include <sstream>
#include <iomanip>
#include "Exception.h"
using namespace std;
class BitFileOut
    public:
        BitFileOut (const string& fn);
         ~BitFileOut ();
         void writeBits (const string & str);
         int getLength ()
                            { return fp.tellp (); }
         const bool eof() const { return fp.eof(); }
         static string decToBin (unsigned int n);
    private:
         ofstream fp;
         int obc;
         char och;
};
class BitFileIn
    public:
         BitFileIn (const string& fn);
         ~BitFileIn () { fp.close(); }
         int getBit ();
         int readBits (int n);
         int getLength ()
                                    { return length; }
         const bool eof() const { return fp.eof(); }
    private:
         ifstream fp;
         int length;
         int obc;
         unsigned char och;
         int numIgnore;
};
#endif
```