

Weryfikacja: bit/2006e

BitCompressor

HISTORIA:

- wersja 1.00: 2007.01.22, Marcin Michalski, Tomasz Idziaszek

dokument systemu SINOL 1.3.1

1 List of tasks during verification

- verification of the problem description,
- preparation of an alternative solution (file `bitwer.cpp`),
- verification of the input file verifier,
- confirmation of correctness of input files,
- analysis of the source codes of sample solution and alternative solutions.

2 Alternative solution

I have implemented the sample (and slow) solution in C++. It can be found in file `bitwer.cpp`. It's working significantly slower comparing to optimal solutions and was used to verify correctness of author's programs and tests.

3 Changes in the problem description

There is no pdf/ps problem description. Neither in English nor in Polish. I added English description in SINOL format and adjusted existing Polish HTML version to SINOL format.

4 Changes in input files

Removed DOS EOLN markers. Renamed input files to SINOL format.

5 Changes in output files

Renamed input files to SINOL format.

6 Input file verifier

There was no input file verifier. Added.

7 Memory and time limit

There are no limits in problem description. I suggest 64 MB.

8 Additional problems

Several changes had to be made to make this analysis compatible with SINOL standards.

Output files contain `#` characters which break SINOL when trying to include sample input/output in problem statements. *Temporarily* I have removed these characters from `e0.out` file until some SINOL guru solves the problem.