



SALAH-ED-DIN

A COMPRESSED_SENTENCE DUMPER, REVISION 13++

Free download at www.sanmayce.com; for AMD Barton 2600+: 30KB/miliseC(EN) which is 90KB/miliseC(DE); expect 175MB/s for two times faster CPUs

Salah-ed-din_HDD2RAM.bat :

```
@echo off
if exist Salah-ed-din.hits.Pattern1.html del Salah-ed-din.hits.Pattern1.html>nul
if exist Salah-ed-din.hits.Pattern2.html del Salah-ed-din.hits.Pattern2.html>nul
if exist Salah-ed-din.hits.Pattern3.html del Salah-ed-din.hits.Pattern3.html>nul
if exist Salah-ed-din.hits.Pattern4.html del Salah-ed-din.hits.Pattern4.html>nul
rem dir *.gz/b/oe>Salah-ed-din.lst
echo Note1: Due to heavy recursion within search function Pattern1: *underdog* is
echo      much-much slower than Pattern1: * and Pattern1_NestedPattern1: underdog
echo Note2: Since r.13++ Salah-ed-din.exe rejects lines longer than 960 chars.
echo.
Salah-ed-din Salah-ed-din.lst
echo Press a key to exit.
pause>nul
```

E:_KAZE_G.S._Corpus>Salah-ed-din_HDD2RAM.bat

Salah-ed-din(Sentence_Dumper), revision 13++, written by Svalqyatchx,
in fact adapted from Mark Adler's and Jean-loup Gailly's ZLIB package.

Usage1: 'Salah-ed-din filename' decodes all files from list(filename)

Usage2: Salah-ed-din [-d] [-f] [-h] [-r] [-1 to -9] [files...]

```
-d : decompress
-f : compress with Z_FILTERED
-h : compress with Z_HUFFMAN_ONLY
-r : compress with Z_RLE
-1 to -9 : compression level
```

Example1: Salah-ed-din Salah-ed-din.lst

Example2: Salah-ed-din -f -6 Caterpillar.001.txt

Example3: Salah-ed-din -d Caterpillar.001.txt.gz

Note1: Benchmark:

Salah-ed-din(EN:30KB/clock, DE:90KB/clock) with two times faster
CPU-RAM subsystem than me one will easily give 175MB/s(in case of
59MB/s for NON-RAID 7200rpm HDDs burst read speed)!

But it is obvious that 29MB/s Encoded-data-decompressing is a real
BOMB(BULLET) and ZIPpy indeed! Greetings for ZLIB package community.

Me machine is: VIA KT880 chipset, AMD Barton(32bit; L1 Data: 64KB,
L1 Code: 64KB, L2: 512KB) 2600+(11.5x166MHz) with 2x166MHz FSB and
2x512MB dual channel 2x200MHz(3-3-3-8) RAM.

Note2: Disastrous performance in case 128MB not fully physical!

Note3: Matches(hits) are overwritten to Salah-ed-din.hits.Pattern?.html files.

Note4: Works both on UNIX(LF) and Windows(CRLF) text files.

Note5: Never forget the importance of defragmented_AND_grouped files located at
fastest area of disk - first partition is faster than second one, etc.

Note6: In ANSI, clock is defined as '#define CLOCKS_PER_SEC 1000'.

Note7: Since Salah-ed-din 13++:

- limits(just skip longer ones) lines to 960 chars; OTHERWISE: HUGE TIME DELAYS due to recursive function;
- shows hits to console too; MORE VIVID;

Note8: During execution hitting a 'Esc' causes termination(i.e. skipping rest).

Pattern(s) note: You may specify(four times) a main-pattern(case insensitive
with wildcards '*' i.e. any character(s) or empty and '?'
i.e. any character or empty) with three nested-patterns(case
sensitive and unexact), all four connected with AND.
Due to different line endings(CRLF in Windows; LF in UNIX)
you must add a '?' wildcard in place of CR: for example in
case of searching for '*.pdf' write '*.pdf?'.

Pattern(s) example: Pattern1: *take? *it*

Pattern1_NestedPattern1: you

Have a nice Salah-ed-dining.
 For contacts: sanmayce@hotmail.com
 Sanmayce Svalqyatchx 'Kaze', 2007 Oct 25.

Allocated memory for DEcoded file in MB: 96
 Size of input file with files for Salah-ed-dining: 32
 Pattern(s) note: You may specify(four times) a main-pattern(case insensitive with wildcards '*' i.e. any character(s) or empty and '?' i.e. any character or empty) with three nested-patterns(case sensitive and unexact), all four connected with AND.
 Due to different line endings(CRLF in Windows; LF in UNIX) you must add a '?' wildcard in place of CR: for example in case of searching for '*.pdf' write '*.pdf?'.

Pattern(s) example: Pattern1: *take? *it*
 Pattern1_NestedPattern1: you
 Possible hit: ... your reason is so taken by It.

Input Pattern1(hit only 'Enter' to skip): *
 - Input Pattern1_NestedPattern1(hit only 'Enter' to skip): **underdog**
 - Input Pattern1_NestedPattern2(hit only 'Enter' to skip):
 Input Pattern2(hit only 'Enter' to skip):
 Processing .\Caterpillar.001.RAFT3.txt.gz ...
 Doing DECODE from HDD to RAM ...

Salah-ed-din decoded buffer size: 99,614,459
 Overall decode performance so far: 000,031KB/clock(EN) or 000,095KB/clock(DE)
 Doing SEARCH for Pattern1 at once and flushing hit-sentences ...
 000,000,001 It was touching to see him identified with those who lose, with the 'underdog.'
 Found 1 case-sensitive and unexact matches(hits), so far.

Total Rough Upload and Decode time: 1,016 clocks
 Total Rough Search time: 641 clocks
 Total time: 1 seconds
 Total Lines encountered: 1,835,098
 Salah-ed-din: Done successfully.



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