

NAME

sacabench demo - manual page for sacabench demo 1.0

SYNOPSIS

sacabench construct [OPTIONS] algorithm input

DESCRIPTION

Construct a SA.

Positionals:

algorithm TEXT REQUIRED

Which algorithm to run.

input TEXT REQUIRED

Path to input file, or - for STDIN.

OPTIONS

-h,--help

Print this help message and exit

-c,--check

Check the constructed SA.

-b,--benchmark TEXT

Record benchmark and output as JSON. Takes path to output file, or - for STDOUT

-J,--json TEXT

Output SA as JSON array. Takes path to output file, or - for STDOUT.

-B,--binary TEXT

Output SA as binary array of unsigned integers, with a 1 Byte header describing the number of bits used for each integer. Takes path to output file, or - for STDOUT.

-F,--fixed UINT Needs: --binary

Elide the header, and output a fixed number of bits per SA entry

-p,--prefix TEXT

Calculate SA of prefix of size TEXT.

-f,--force

Overwrite existing files instead of raising an error.

-m,--minimum\_sa\_bits UINT=32

The lower bound of bits to use per SA entry during construction

-r,--repetitions UINT=1

The value indicates the number of times the SACA(s) will run. A larger number will possibly yield more accurate results

-z,--plot

Plot measurements.

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SEE ALSO

sacabench(1)

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