

NAME

sacabench batch – manual page for sacabench batch 1.0

SYNOPSIS

sacabench *batch* [*OPTIONS*] *input*

DESCRIPTION

Measure runtime and memory usage for all algorithms.

Positionals:

input TEXT REQUIRED

Path to input file, or – for STDIN.

OPTIONS

-h,--help

Print this help message and exit

--config TEXT

Read an config file for CLI args

-c,--check

Check the constructed SA.

-q,--fastcheck

Check the constructed SA with a faster, parallel algorithm.

-b,--benchmark TEXT

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

-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

-p,--prefix TEXT

calculate SA of prefix of input.

-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

--whitelist TEXT ... Excludes: **--blacklist**

Execute only specific algorithms

--blacklist TEXT ... Excludes: **--whitelist**

Blacklist algorithms from execution

-z,--rplot Needs: **--benchmark**

Plots measurements with R.

--latexplot Needs: **--benchmark**

Plots measurements with LaTeX and SqlPlotTools.

-s,--sysinfo Needs: **--benchmark**

Add system information to benchmark output.

SEE ALSO

sacabench(1)