

# Hash and Shannon Lib

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## Specifications:

OS: Linux, Ubuntu 22.04.3 LTS

CPU: Intel(R) Core(TM) i3-6006U CPU @ 2.00GHz

RAM: 4 GB

## Time:

using seed=1

| Function       | Time     |
|----------------|----------|
| step1          | .000011  |
| step2          | .000027  |
| step3          | .000433  |
| step4          | .000010  |
| strhex         | .000045  |
| generate str   | 0.009622 |
| generate magic | 0.16681  |
| shannon        | .000056  |