

**time md5sum 2014\_03-Traffic\_Sensors\_Fortaleza.csv**

6b80f9effe662216f8d7431a90679d9a 2014\_03-Traffic\_Sensors\_Fortaleza.csv

real 0m0,852s

user 0m0,725s

sys 0m0,115s

**time sha1sum 2014\_03-Traffic\_Sensors\_Fortaleza.csv**

3455a05eb63f1eff81adc85c710b737267f29d97 2014\_03-Traffic\_Sensors\_Fortaleza.csv

real 0m1,137s

user 0m0,967s

**time zip teste.zip 2014\_03-Traffic\_Sensors\_Fortaleza.csv**

adding: 2014\_03-Traffic\_Sensors\_Fortaleza.csv (deflated 65%)

real 0m33,937s

user 0m33,449s

sys 0m0,376s

tamanho zip: 116,5 MB (116.537.524 bytes)

**time gzip 2014\_03-Traffic\_Sensors\_Fortaleza.csv**

real 0m29,407s

user 0m28,931s

sys 0m0,468s

tamanho gzip: 116,5 MB (116.537.356 bytes)

**time bzip2 -z 2014\_03-Traffic\_Sensors\_Fortaleza.csv**

real 0m47,387s

user 0m42,753s

sys 0m1,031s

tamanho bzip2: 82,9 MB (82.871.309 bytes)

**time rar a arquivo.rar 2014\_03-Traffic\_Sensors\_Fortaleza.csv**

RAR 5.50 Copyright (c) 1993-2017 Alexander Roshal 11 Aug 2017

Trial version Type 'rar -?' for help

Evaluation copy. Please register.

Creating archive arquivo.rar

Adding 2014\_03-Traffic\_Sensors\_Fortaleza.csv  
Done

OK

real 1m31,190s  
user 3m24,862s  
sys 0m3,870s

### time 7z a teste.7z 2014\_03-Traffic\_Sensors\_Fortaleza.csv

7-Zip [64] 16.02 : Copyright (c) 1999-2016 Igor Pavlov : 2016-05-21  
p7zip Version 16.02 (locale=pt\_BR.UTF-8,Utf16=on,HugeFiles=on,64 bits,4 CPUs Intel(R)  
Core(TM) i5-7200U CPU @ 2.50GHz (806E9),ASM,AES-NI)

Scanning the drive:  
1 file, 331669035 bytes (317 MiB)

Creating archive: teste.7z

Items to compress: 1

Files read from disk: 1  
Archive size: 72761637 bytes (70 MiB)  
Everything is Ok

real 3m51,281s  
user 8m8,359s  
sys 0m8,064s

Operação	Soma	Tempo em segundos
<b>MD5</b>	6b80f9effe662216f8d7431a 90679d9a	0m0,852s
<b>SHA1</b>	3455a05eb63f1eff81adc85c 710b737267f29d97	0m1,137s
<b>Arquivos Zips</b>	<b>Tamanho após compactado</b>	<b>Tempo em Segundos</b>
Zip	116,5 MB (116.537.524 bytes)	0m33,937s
Gzip	116,5 MB (116.537.356 bytes)	0m29,407s
Bzip2	82,9 MB (82.871.309 bytes)	0m47,387s
Rar	86,0 MB (86.026.891 bytes)	1m31,190s
7Zip	72,8 MB (72.761.637 bytes)	3m51,281s