

## COMPRESSION

```
[Group6@group6d Test]$ time gzip -N  
dat_file.dat  dat_file.dat~  odt_file.odt  pdf_file.pdf  pic.png      python_file.py  
[Group6@group6d Test]$ time gzip -N dat_file.dat
```

```
real    0m0.001s  
user    0m0.000s  
sys     0m0.000s
```

```
[Group6@group6d Test]$ time gzip -N odt_file.odt
```

```
real    0m0.019s  
user    0m0.000s  
sys     0m0.001s
```

```
[Group6@group6d Test]$ time gzip -N pdf_file.pdf
```

```
real    0m0.004s  
user    0m0.004s  
sys     0m0.000s
```

```
[Group6@group6d Test]$ time gzip -N pic.png
```

```
real    0m0.003s  
user    0m0.002s  
sys     0m0.001s
```

```
[Group6@group6d Test]$ time gzip -N python_file.py
```

```
real    0m0.001s  
user    0m0.000s  
sys     0m0.000s
```

```
[Group6@group6d Test]$
```

```
Activities Terminal Sat 21:52 Group6
Group6@group6d:~/Downloads/Test

File Edit View Search Terminal Help
[Group6@group6d Test]$ time gzip -N
dat_file.dat  dat_file.dat~  odt_file.odt  pdf_file.pdf  pic.png  python_file.py
[Group6@group6d Test]$ time gzip -N dat_file.dat

real    0m0.001s
user    0m0.000s
sys     0m0.000s
[Group6@group6d Test]$ time gzip -N odt_file.odt

real    0m0.019s
user    0m0.000s
sys     0m0.001s
[Group6@group6d Test]$ time gzip -N pdf_file.pdf

real    0m0.004s
user    0m0.004s
sys     0m0.000s
[Group6@group6d Test]$ time gzip -N pic.png

real    0m0.003s
user    0m0.002s
sys     0m0.001s
[Group6@group6d Test]$ time gzip -N python_file.py

real    0m0.001s
user    0m0.000s
sys     0m0.000s
[Group6@group6d Test]$
```

## bzip2

```
[Group6@group6d Test]$ time bzip2 -cv dat_file.dat.gz > dat_file.bz2
dat_file.dat.gz: 0.782:1, 10.228 bits/byte, -27.85% saved, 1296 in, 1657 out.
```

```
real    0m0.002s
user    0m0.001s
sys     0m0.000s
```

```
[Group6@group6d Test]$ time bzip2 -cv pdf_file.pdf.gz > pdf.bz2
pdf_file.pdf.gz: 0.991:1, 8.072 bits/byte, -0.91% saved, 71995 in, 72647 out.
```

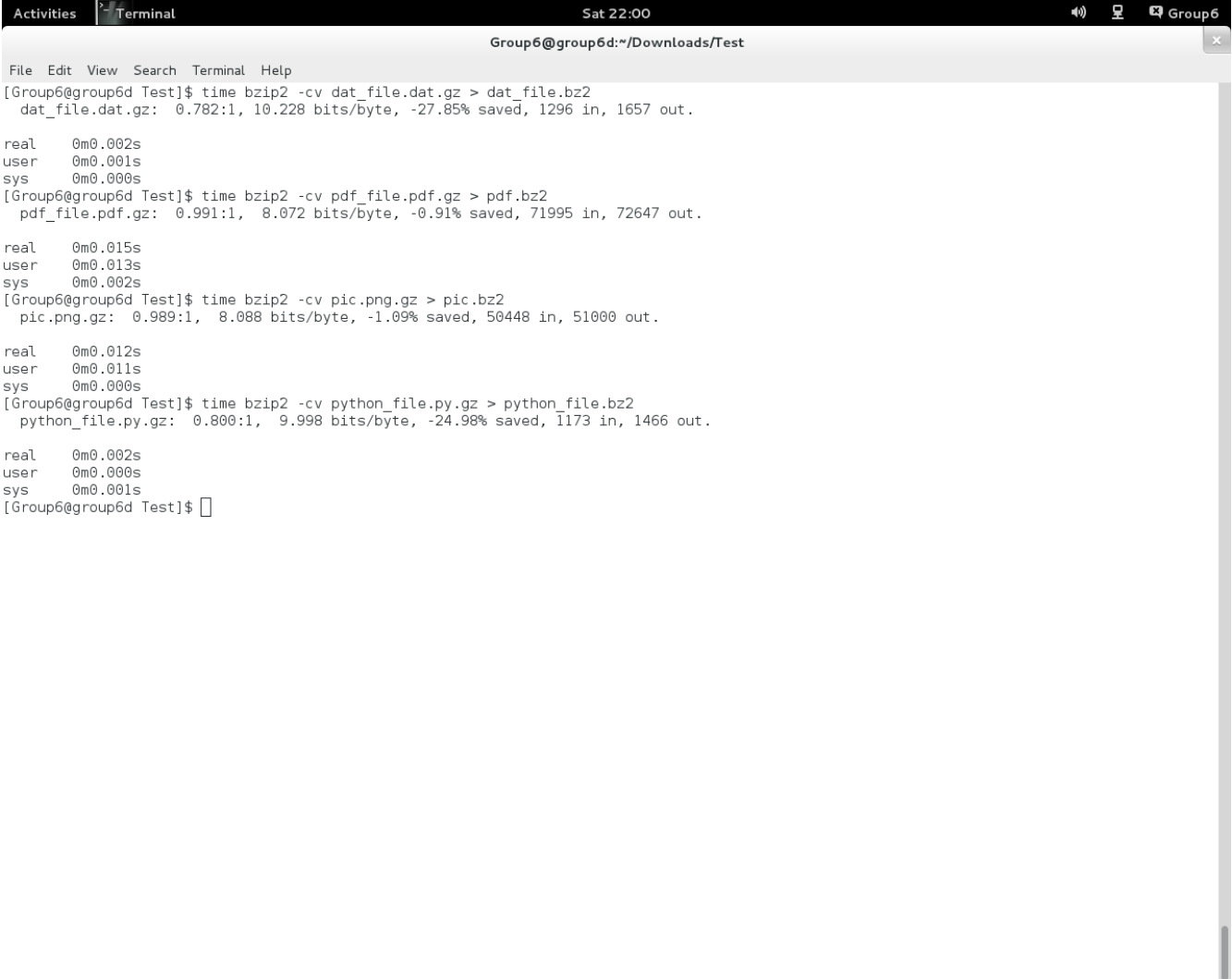
```
real    0m0.015s
user    0m0.013s
sys     0m0.002s
```

```
[Group6@group6d Test]$ time bzip2 -cv pic.png.gz > pic.bz2
pic.png.gz: 0.989:1, 8.088 bits/byte, -1.09% saved, 50448 in, 51000 out.
```

```
real    0m0.012s
```

```
user    0m0.011s
sys     0m0.000s
[Group6@group6d Test]$ time bzip2 -cv python_file.py.gz > python_file.bz2
python_file.py.gz: 0.800:1, 9.998 bits/byte, -24.98% saved, 1173 in, 1466 out.
```

```
real    0m0.002s
user    0m0.000s
sys     0m0.001s
[Group6@group6d Test]$
```



The screenshot shows a terminal window titled "Group6@group6d:~/Downloads/Test" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Sat 22:00, Group6). The terminal displays the following commands and output:

```
[Group6@group6d Test]$ time bzip2 -cv dat_file.dat.gz > dat_file.bz2
dat_file.dat.gz: 0.782:1, 10.228 bits/byte, -27.85% saved, 1296 in, 1657 out.

real    0m0.002s
user    0m0.001s
sys     0m0.000s
[Group6@group6d Test]$ time bzip2 -cv pdf_file.pdf.gz > pdf.bz2
pdf_file.pdf.gz: 0.991:1, 8.072 bits/byte, -0.91% saved, 71995 in, 72647 out.

real    0m0.015s
user    0m0.013s
sys     0m0.002s
[Group6@group6d Test]$ time bzip2 -cv pic.png.gz > pic.bz2
pic.png.gz: 0.989:1, 8.088 bits/byte, -1.09% saved, 50448 in, 51000 out.

real    0m0.012s
user    0m0.011s
sys     0m0.000s
[Group6@group6d Test]$ time bzip2 -cv python_file.py.gz > python_file.bz2
python_file.py.gz: 0.800:1, 9.998 bits/byte, -24.98% saved, 1173 in, 1466 out.

real    0m0.002s
user    0m0.000s
sys     0m0.001s
[Group6@group6d Test]$
```