

pigz

可以用来解压缩文件gzip的并行实现升级版

补充说明

pigz命令可以用来解压缩文件，最重要的是支持多线程并行处理，解压缩比gzip快。主页：

<http://zlib.net/pigz/>

语法

```
pigz [ -cdfhikKlLmMnNqrRtz0..9,11 ] [ -b blocksize ] [ -p threads ] [ -S  
suffix ] [ name ... ]  
unpigz [ -cfhikKlLmMnNqrRtz ] [ -b blocksize ] [ -p threads ] [ -S suffix ]  
[ name ... ]
```

参数

-0 to -9, -11	# Compression level (level 11, zopfli, is much slower)
--fast, --best	# Compression levels 1 and 9 respectively
-b, --blocksize mmm	# Set compression block size to mmmK (default 128K)
-c, --stdout	# Write all processed output to stdout (won't delete)
-d, --decompress	# Decompress the compressed input
-f, --force	# Force overwrite, compress .gz, links, and to terminal
-F --first	# Do iterations first, before block split for -11
-h, --help	# Display a help screen and quit
-i, --independent	# Compress blocks independently for damage recovery
-I, --iterations n	# Number of iterations for -11 optimization
-J, --maxsplits n	# Maximum number of split blocks for -11
-k, --keep	# Do not delete original file after processing
-K, --zip	# Compress to PKWare zip (.zip) single entry format
-l, --list	# List the contents of the compressed input
-L, --license	# Display the pigz license and quit
-m, --no-time	# Do not store or restore mod time
-M, --time	# Store or restore mod time
-n, --no-name	# Do not store or restore file name or mod time
-N, --name	# Store or restore file name and mod time
-O --oneblock	# Do not split into smaller blocks for -11
-p, --processes n	# Allow up to n compression threads (default is the number of online processors, or 8 if unknown)
-q, --quiet	# Print no messages, even on error
-r, --recursive	# Process the contents of all subdirectories
-R, --rsyncable	# Input-determined block locations for rsync
-S, --suffix .sss	# Use suffix .sss instead of .gz (for compression)
-t, --test	# Test the integrity of the compressed input
-v, --verbose	# Provide more verbose output
-V --version	# Show the version of pigz
-Y --synchronous	# Force output file write to permanent storage
-z, --zlib	# Compress to zlib (.zz) instead of gzip format
--	# All arguments after "--" are treated as files

实例

可以结合tar使用, 压缩命令

```
tar -cvf - dir1 dir2 dir3 | pigz -p 8 > output.tgz
```

解压命令

```
pigz -p 8 -d output.tgz
```

如果是gzip格式, 也支持用tar解压

```
tar -xzvf output.tgz
```

From:

<https://rd.irust.top/> - 学习笔记

Permanent link:

<https://rd.irust.top/doku.php?id=command:pigz>

Last update: **2021/10/15 14:58**

