MyBackup

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Abstract

MyBackup is a small tool used to backup your files in linux.

1 Introduction

The safety of our files is always a big part of our concern. In mac OS, an efficient tool called Time Machine is used to backup your files which is amazingly easy to use.

Therefore, I write a program named MyBackup to come up with a solution for your files' safety in Linux. This tool not only support incremental backup, but can automatically run at a specific time per day. In addition, you can check your backup status whenever you like and the UI is user-friendly as well.

2 Installation

1. unzip the package.
2. cd in the unzipped folder
3. use command $ aclocal
4. use command $ autoconf
5. use command $ automake –add-missing
6. use command $ ./configure
7. use cammand $ sudo make install

The executable program will be installed in /usr/local/bin/
The documentation will be installed in /usr/local/share/doc/MyBackup/
The configurtion files will be found in /usr/local/etc/MyBackup/

3 Uninstallation

1. cd in the original folder
2. use command $ sudo make uninstall
3. then all the related files will gone

4 How to use

4.1 Configuration

Move into /usr/local/etc/Mybackup/, then you will find two conf files, one is named mybackup.conf which can be modified as your prefer, the other one named exclude.conf is a list of files you do not like to backup, one **relative path** per line.

4.2 Usage

4.2.1 mybackup –help

Get the help page.

4.2.2 mybackup –push

Create a backup file of your "backup" to your "target".
Pay attention that if the number of the backups surpass the limit, the earliest one will be removed.

4.2.3 mybackup –status

You will see the backup status:
1. the time you create a backup
2. which is your last sync
3. how many backups you have
4. the status of the automactic backup

4.2.4 mybackup –config

You can see the configuration you set. To reset it, get into /usr/local/etc/MyBackup to modify the configuration files.

4.2.5 mybackup –restore [backup_name]

You can use this command to restore the backup you want. Use
$ mybackup –status
to find the backup name.

For example:
$ mybackup –restore 2014-05-28T13_36_53

4.2.6 mybackup –clean

Clean all the backups

4.2.7 mybackup –automatic [on:off]

This command will let the automatically backup on or off.
To see the current automatic status, just type
$ mybackup –status

To see the time you set, just type
$ mybackup –config

5   Contact me

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