



\*: means that the rest of the itemized-output area contains a message (e.g. "deleting")

### Some example output from rsync for various scenarios:

```
>f+++++++ some/dir/new-file.txt
.f....og..x some/dir/existing-file-with-changed-owner-and-group.txt
.f.....x some/dir/existing-file-with-changed-unnamed-attribute.txt
>f...p....x some/dir/existing-file-with-changed-permissions.txt
>f..t..g..x some/dir/existing-file-with-changed-time-and-group.txt
>f.s.....x some/dir/existing-file-with-changed-size.txt
>f.st.....x some/dir/existing-file-with-changed-size-and-time-stamp.txt
cd+++++++ some/dir/new-directory/
.d....og... some/dir/existing-directory-with-changed-owner-and-group/
.d..t..... some/dir/existing-directory-with-different-time-stamp/
```

## Full backup

```
rsync -haxAX --stats --delete --info=progress2 --info=name0 /* "$TargetMnt"
--exclude={"/dev/*,/proc/*,/sys/*,/tmp/*,/run/*,/mnt/*,/media/*,/lost+found}
```

Some notable comments about parameters:

--stats gives information on files added, changed and deleted from the clone (called backup in your case).

--delete instructs rsync to delete files in the clone that no longer exist in the source directory.

info=progress2 gives a modern looking progress display whilst cloning directories.

--info=name0 prevents every single filename from being displayed as it is being copied. This gives less screen clutter but you may want to omit this parameter.

/\* tells rsync where to start synchronizing files. In this example it's the root directory but you want to change it to /media/user1/DATA4/FolderA.

"\$TargetMnt" tells rsync where to clone to. In your case change it to "/media/ivan/Seagate Backup Plus Drive/FolderA". The double quotes are important because your directory names contain spaces in them.

The second line starting with --exclude={"/dev/\*} you don't need at all because these directories aren't in the list. Don't use this line and drop the line continuation character \ at the end of the first line.

As with all backup scenarios always test the backups to make sure all files are there and contain the appropriate information.

From:

<https://wiki.oscardegroot.nl/> - HomeWiki

Permanent link:

<https://wiki.oscardegroot.nl/doku.php?id=linux:system:backup-clone:rsync&rev=1694169476>

Last update: **2023/09/08 10:37**

