Copy/move a pool with all snapshots

1. find the oldest snapshot of the source pool and send it to the target pool
   - see https://wiki.guedel.eu/doku.php?id=welcome:zfs:small_tricks#the_oldest
   - ```
     # zfs send source/pool@old-snap | zfs recv -F target/pool
     ```
2. find the most recent snapshot of the source pool and send the incremental
   - see https://wiki.guedel.eu/doku.php?id=welcome:zfs:small_tricks#the_most_recent
   - ```
     # zfs send -R -I source/pool@old-snap source/pool@recent-snap |
     zfs recv -Fd target/pool
     ```

Destroy many snapshots

https://gist.github.com/paulhandy/45571e2077df83829fcc6dac1cfedd1a
Pour enlever tous les snapshots d'un dataset?

```
https://serverfault.com/questions/340837/how-to-delete-all-but-last-n-zfs-sn
apshots#340846

You may find something like this a little simpler

zfs list -t snapshot -o name | grep ^tank@Auto | tac | tail -n +16 | xargs -
n 1 zfs destroy -r

    output the list of snapshot (names only) with zfs list -t snaphot -o
name
    filter to keep only the ones that match tank@Auto with grep ^tank@Auto
    reverse the list (previously sorted from oldest to newest) with tac
    limit output to the 16th oldest result and following with tail -n +16
    then destroy with xargs -n 1 zfs destroy -vr

deleting snapshots in reverse order is supposedly more efficient.

or sort in reverse order of creation

zfs list -t snapshot -o name -S creation | grep ^tank@Auto | tail -n +16 |
xargs -n 1 zfs destroy -vr

Test it with ...|xargs -n 1 echo
```

Find snapshots

the oldest

```
# zfs list -H -o name -t snapshot -r the_pool_name -S creation | tail --
lines=1
 -- or --
# zfs list -H -o name -t snapshot -r the_pool_name -S creation | grep
"name_of_the_snapshots" | tail --lines=1
```

the most recent

```
# zfs list -H -o name -t snapshot -r the_pool_name | tail --lines=1
 -- or --
# zfs list -H -o name -t snapshot -r the_pool_name | grep
"name_of_the_snapshots" | tail --lines=1
```

Look into a snapshot

Look into tank/my_dataset@my_snapshot:

```
# ls /mnt/tank/my_dataset/.zfs/snapshot/my_snapshot       ### under /mnt for
FreeNAS, /rpool for Proxmox
```

It is possible to go down into subfolders and to copy from this place to another place in the “normal” file system.

Scrub a pool

Run a scrub job on pool “tank”:

```
# zpool scrub tank           ### top start the job
#zpool status -v tank          ### to monitor the job
```

trucs divers

https://unix.stackexchange.com/questions/263677/how-to-one-way-mirror-an-entire-zfs-pool-to-another-zfs-pool