dd

Convert and copy a file.

- Make a bootable usb drive from an isohybrid file (such like archlinux-xxx.iso) and show the progress:

```
dd if={{file.iso}} of=/dev/{{usb_drive}} status=progress
```

- Clone a drive to another drive with 4MB block, ignore error and show progress:

```
dd if=/dev/{{source_drive}} of=/dev/{{dest_drive}} bs=4M conv=noerror
status=progress
```

- Generate a file of 100 random bytes by using kernel random driver:

```
dd if=/dev/urandom of={{random_file}} bs=100 count=1
```

- Benchmark the write performance of a disk:

```
dd if=/dev/zero of={{file_1GB}} bs=1024 count=1000000
```

- Check progress of an ongoing dd operation (Run this command from another shell):

```
kill -USR1 $(pgrep ^dd)
```