

Backup and transfer data via USB storage device, using TAR

Tar is commonly used in Linux to collect many files into one larger file for distribution or archiving, while preserving file system information, such as user and group permissions, dates, and directory structures. This is especially important when transferring files and catalogues via an USB storage device.

Connect a storage device to the USB port on the computer you wish to copy from. Olex will detect the device after a few seconds.

Click on "Write to". A browser window, showing the content the USB device, will appear on screen. The device is now mounted as /olexdevice.

Leave the browser window open, and enter maintenance mode by pressing Ctrl + Shift + right mouse button. An orange screen with a yellow Unix window will appear.

Point the mouse in the yellow Unix window and type:

```
tar cf /olexdevice/backup.tar Turdata Skipsdata Ruter
```

You have now saved relevant user data like past trips, individual settings, routs and marks, to a tar archive named "backup.tar" on the USB storage device.

These files and folders, in addition to own sea floor data, are the most common to transfer when moving an Olex system from one drive to another.

```
reboot
```

Rename existing files, and extract the tar archive in a new computer

Connect the storage device to the USB port on the computer you wish to copy to. Olex will detect the device after a few seconds.

Click on "Read from" to mount the device as /olexdevice.

Leave the browser window open and enter maintenance mode by pressing Ctrl + Shift + right mouse button

Point the mouse in the yellow Unix window and type the following commands:

```
mv Turdata Turdata.old
```

```
mv Skipsdata Skipsdata.old
```

```
mv Ruter Ruter.old
```

```
tar xfp /olexdevice/backup.tar
```

You have now renamed the existing three user data files, and extracted the backup file containing the files from the other computer.

Reboot