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Create your workspaces

PRACTICAL

Follow the **next slides** to create your workspaces and to copy in there data and scripts necessary for the exercises.

Windows: Please be careful, since copy-pasting text from pdf might be inaccurate.

Linux: **Ctrl+C** from **PDF**, **right-click** and paste from **terminal** should work.

Create your workspaces

Execute only once!

Once you have logged in, create a workspace for each course day (with **name** *wspartX* and **duration** *15 days or until the end of the course*):

```
> ws_allocate wspart1 15
> ws_allocate wspart2 15
> ws_allocate wspart3 15
```

Name might be different
in the screenshots

Workspace:
(Very) high **disk storage** (quota)!
Home-directory:
Limited quota!

To navigate to a workspace:

Recover the workspace id with `ws_list`:

```
> ws_list
```

Define the **path** variable MYSCR:

```
> MYSCR=$(ws_find wspart1)
```

Navigate to your workspace:

```
> cd $MYSCR
```

```
s28349 c15fr2 28$ ws_list
```

```
id: wsday1
```

```
workspace directory : /lustre/nec/ws2/ws
remaining time      : 14 days 23 hours
creation time       : Wed Jun 23 11:37:1
expiration date     : Thu Jul  8 11:37:1
filesystem name     : NEC_lustre
available extensions : 3
```

```
s28349 c15fr3 33$ MYSCR=$(ws_find wsday1)
```

Copy and extract all data for part 1

Navigate to your part 1 workspace:

```
> MYSCR=$(ws_find wspart1)
> cd $MYSCR
```

... and copy the following archives (do not forget the point at the end):

```
> cp /lustre/nec/ws3/ws/hpclzano-lzexchange/ws/lz11subdir/dlhhrs_data.tar.gz .
> cp /lustre/nec/ws3/ws/hpclzano-lzexchange/ws/lz11subdir/dlhhrs_nb.tar.gz .
```

Extract the content of all *tars* :

```
> tar -xzf dlhhrs_data.tar.gz
> tar -xzf dlhhrs_nb.tar.gz
```

Copy and extract all data for part 2

Navigate to your part 2 workspace:

```
> MYSCR=$(ws_find wspart2)
```

```
> cd $MYSCR
```

... and copy the following archive:

```
> cp /lustre/nec/ws3/ws/hpckkakh-exchangews/wsdays2/data.tar.gz .
```

```
> cp /lustre/nec/ws3/ws/hpckkakh-exchangews/wsdays2/work_data_50.tar.gz .
```

Extract the content:

```
> tar -zxvf data.tar.gz
```

```
> tar -zxvf work_data_50.tar.gz
```

Copy and extract all data for part 3

Navigate to your part 3 workspace:

```
> MYSCR=$(ws_find wspart3)
```

```
> cd $MYSCR
```

... and copy the following archive (do not forget the point at the end):

```
> cp -R /lustre/nec/ws3/ws/hpclaali-ss23/SS/* .
```