

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** *wsdayX* and **duration** *5 days or until the end of the course*):

```
> ws_allocate wsday1 5
> ws_allocate wsday2 5
> ws_allocate wsday3 5
```

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 wsday1)
```

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)
```

Create your workspaces (online course)

MAC-Users:

You might encounter the error:

```
> MYSCR=$(ws_allocate wsMyWorkspace 15)
```

Info: creating workspace.

Error: could not create workspace directory!

In that case a solution is e.g.

https://www.cyberciti.biz/faq/os-x-terminal-bash-warning-setlocale-lc_ctype-cannot-change-locale/

(LC_CTYPE should not be UTF-8 but e.g. en_US.UTF-8)

Copy and extract all data for day 1

Navigate to your day 1 workspace:

```
> MYSCR=$(ws_find wsday1)
```

```
> cd $MYSCR
```

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

```
> cp /shared/akad-dl-hlrs/day1/dl-hlrs1.tar.gz .
```

Extract the content of the *tar* file:

```
> tar -xzf dl-hlrs1.tar.gz
```

Check that all folders are there with:

```
> ls
```

Copy and extract all data for day 2

Navigate to your day 2 workspace:

```
> MYSCR=$(ws_find wsday2)
```

```
> cd $MYSCR
```

... and copy the following archive:

```
> cp /shared/akad-dl-hlrs/day2/* .
```

Extract the content:

```
> tar -zxvf notebooks.tar.gz
```

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

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

Copy and extract all data for day 3

Navigate to your day 3 workspace:

```
> MYSCR=$(ws_find wsday3)
```

```
> cd $MYSCR
```

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

```
> cp -r /shared/akad-dl-hlrs/day3/Deep_Learning_Workshop .
```