

Using CLASS on the observerX computers at Effelsberg

If you want to reduce your (spectroscopic and pointing) data with class one should use the **observer6** or **observer9** or **observer10** computer. Everyone with an account in the mpifr network can login to this computer with his/her account. It is connected to the /homes server. It is also connected to /homes/astro/gag, so your gildas package of choice should work. It is also possible to use a local version of class, which is used to write the spectroscopic and pointing data. to enable this change to the bash shell by typing bash and source the init file:

```
source /opt/bin/init_class.sh
```

afterward you can try to run

```
class
```

the Data from the pipeline is stored in **/daten/Class** on **be4** and after a time also at **/eff/data** (especially for access from Bonn). To open the file:

```
las90> file in "/eff/data/Class/fw_class_2018-12-11_03-18.100m"
```

```
las90> find
```

for pointings you have to switch to continuum mode:

```
las90> set type c
```

```
cas90> find
```

to switch back for line observations:

```
cas90> set type l
```

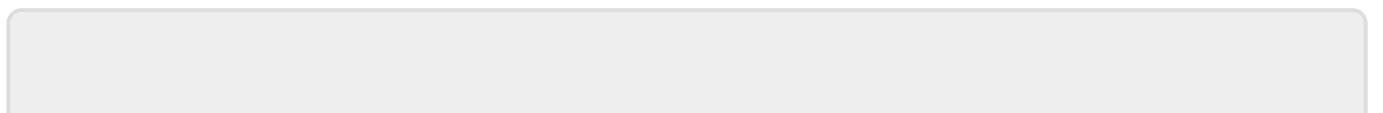
```
las90> find
```

To look for new data type and wait:

```
las90> new
```

You can of course write out your spectra to a new file. You have to specify it with:

```
las90> file out myFile.100m mult
```



From: <https://eff100mwiki.mpifr-bonn.mpg.de/> - **Effelsberg 100m Teleskop**

Permanent link: https://eff100mwiki.mpifr-bonn.mpg.de/doku.php?id=information_for_astronomers:using_class_on_observer3_computer_in_effelsberg 

Last update: **2019/07/03 16:09**