Exercise 1:
Getting started

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Logging in and preparing stuff..

- Log in on the CIP Pool with your university account

- Open a shell

- Start a remote session at ZITI with your user name:
  - `ssh -X username@susnx.ziti.uni-heidelberg.de`

  (you may have to accept the RSA fingerprint once with `yes`)

- Change your password, as requested

- If you start for the **first time**:

  - Copy *the whole* template directory to your account:
    ```
    cp -r /shares/designs/UMC/OA/018_1P6M/workdir_template mycaddir
    ```

  - The working directory `mycaddir` now contains (mainly)
    - a start script `start.sh`
    - a configuration file `.cdsinit`
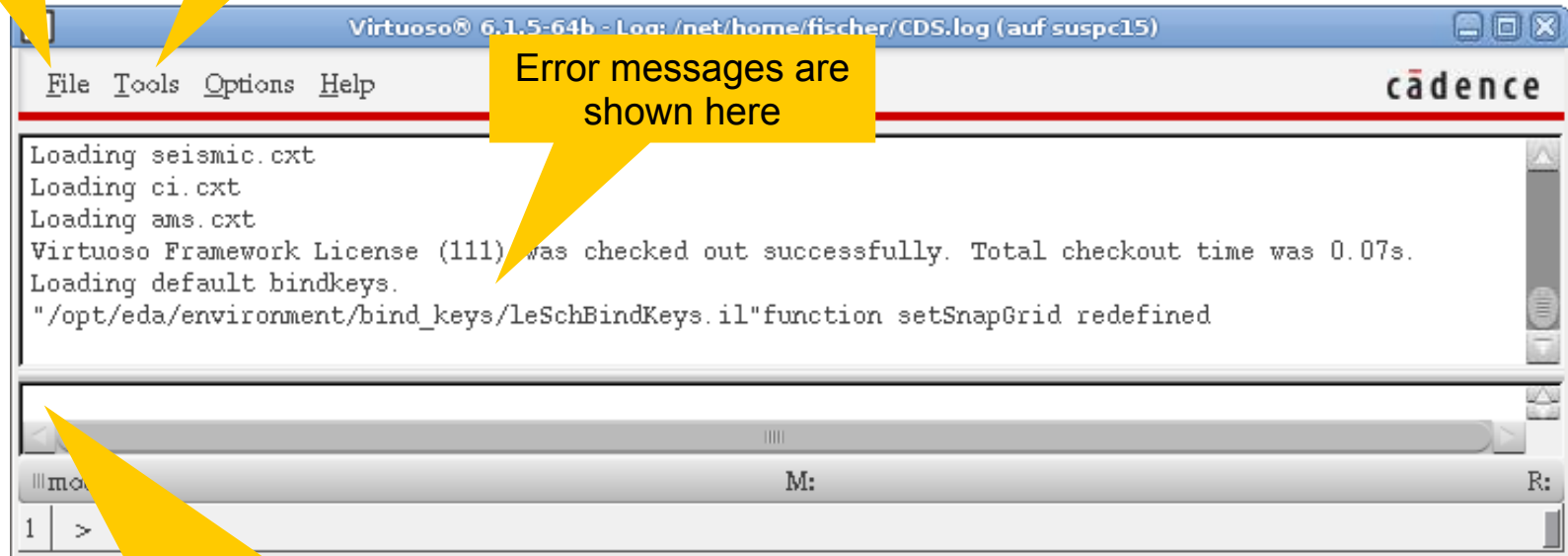   - a file with library paths `cds.lib`

Starting Cadence

- Start cadence with
  - `./start.sh &`

The usual file menu (with 'exit')

Start more stuff from here

Error messages are shown here

```
Virtuoso® 6.1.5-64b - Log: /net/home/fischer/CDS.log (auf suspc15)

File  Tools  Options  Help                                              cadence

Loading seismic.cxt
Loading ci.cxt
Loading ams.cxt
Virtuoso Framework License (111) was checked out successfully. Total checkout time was 0.07s.
Loading default bindkeys.
"/opt/eda/environment/bind_keys/leSchBindKeys.il"function setSnapGrid redefined

                                                    M:                            R:
1  >
```

Can type in commands /programs here.
The language 'skill' is very close to LISP
Try `(plus 3 4)`
or `(sqrt 10)`

Opening the Library Manager

- Open the library browser under Tools → Library Manager…

- Create an *empty* library from the Library Manager with
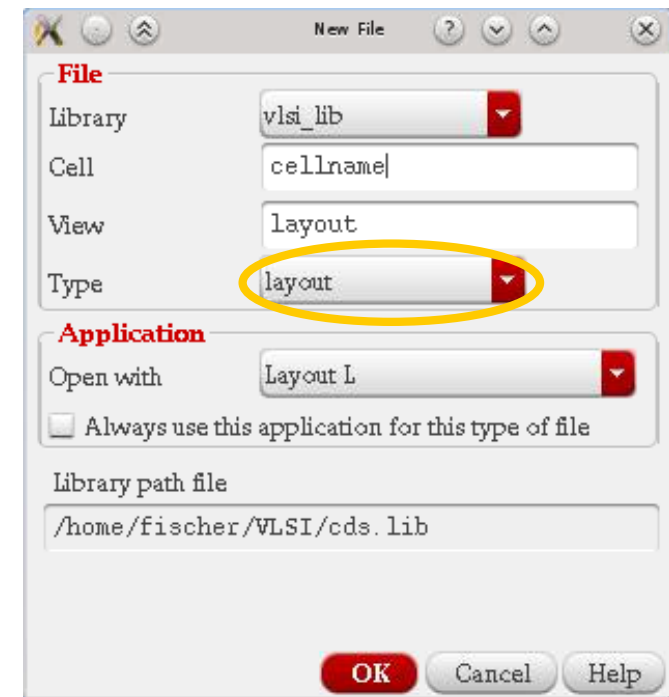 File → New → Library
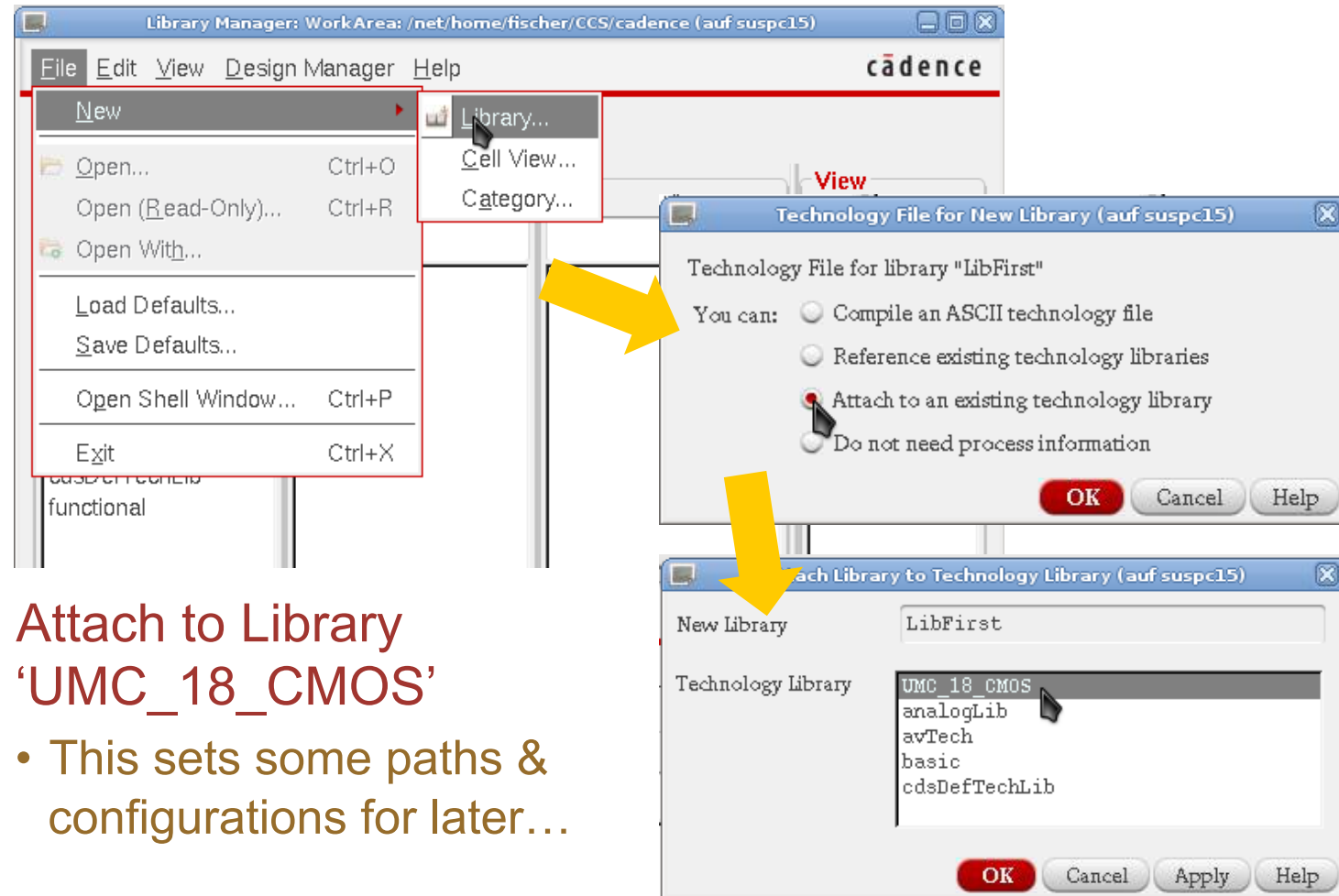
- Attach to Library 'UMC_18_CMOS'
  - This sets some paths & configurations for later…

Creating a new Cell

- Select your library
- Create a new layout with File → New → Cell View…
- Select type 'layout', 'schematic', 'symbol' by selecting from the drop down list
- Give the cell a name
- The corresponding editor opens

- (You can create cell categories to sort your stuff with File → New → Category)