RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG



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

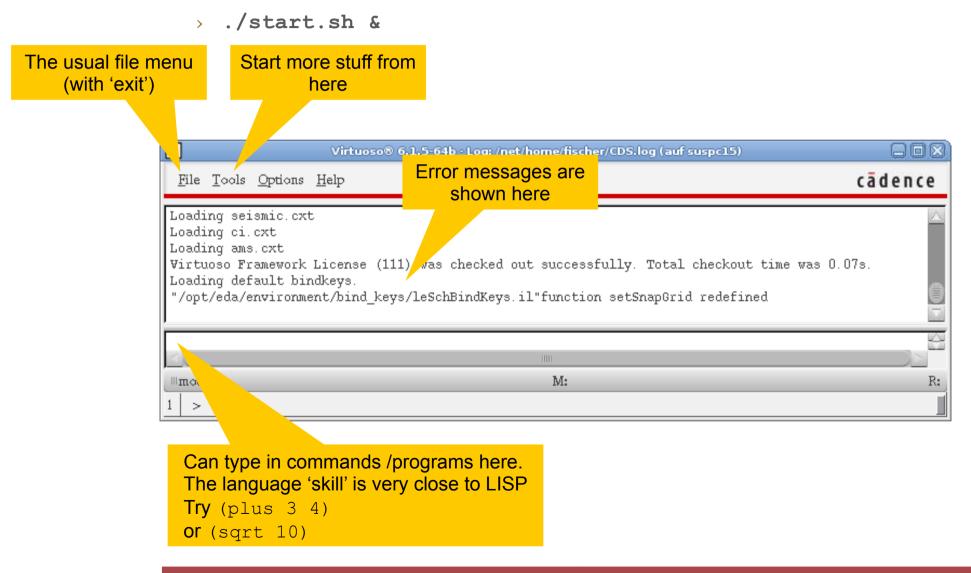
(you may have to accept the RSA fingerprint once with yes)

- If you start for the first time:
 - Create a new working subdirectory, for instance mkdir cadence
 - Copy all files (also the hidden .* files) from directory /shares/designs/UMC/OA/018_1P6M/workdir_template to the working subdirectory
 - The working directory now contains (mainly)
 - a start script start.sh
 - a configuration file .cdsinit
 - a file with library paths cds.lib



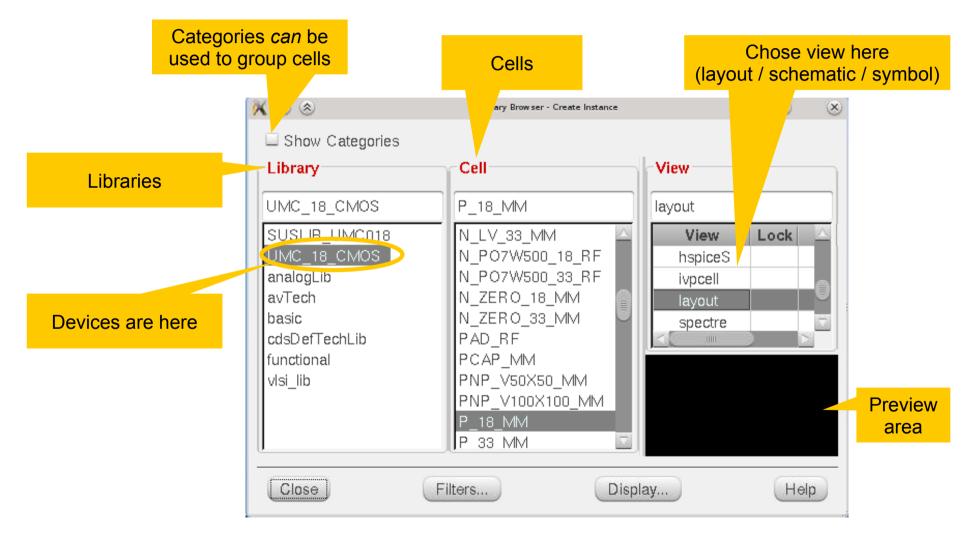
Starting Cadence

Start cadence with



Opening the Library Manager

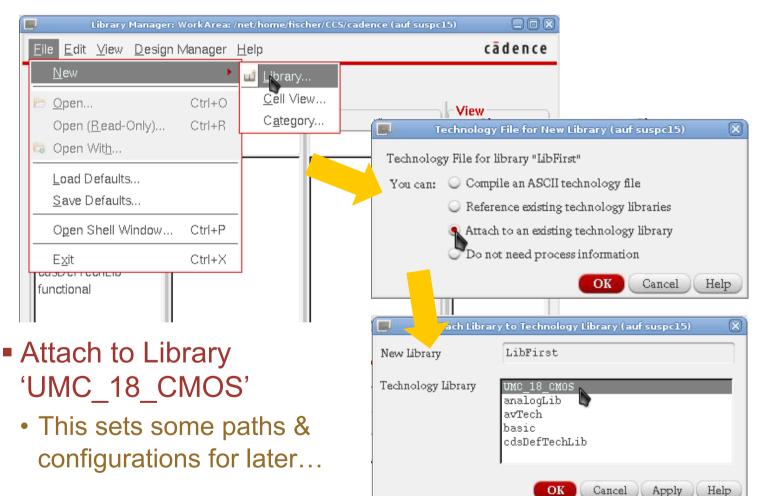
■ Open the library browser under Tools → Library Manager...



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Create an *empty* library from the Library Manager with
File → New → Library



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

🕺 🔾 🛞	New File 🕜 📀 🚫
File	
Library	vlsi_lib
Cell	cellname
View	layout
Туре	layout
Application	
Open with	Layout L
Always use this application for this type of file	
Library path file	
/home/fischer/VLSI/cds.lib	
	OK Cancel Help

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