Chapter 5 - PDK Examination - TRAINING - Advanced

Course authors (Git file)

1. Start with common training

2. Run a 2.5d script

3. Examine th cell in 2.5d

4. Add layers in the script

5. View a more complex design

Start with common training

Task: Common training first

- Do the common training from chapter 05 first.
- You should have
  - a standard cell open in KLayout.
  - the PDK lyp file loaded.

Run a 2.5d script

Task: Run 2.5 script

- Open the 2.5d script editor:
  - Tools -> 2.5d View -> New 2.5d Script
- Press the play button (in the middule of the upper tool row)
- The Viewer should pop up and show the cell in 2.5d

Examine th cell in 2.5d

Task: Examine 2.5d view
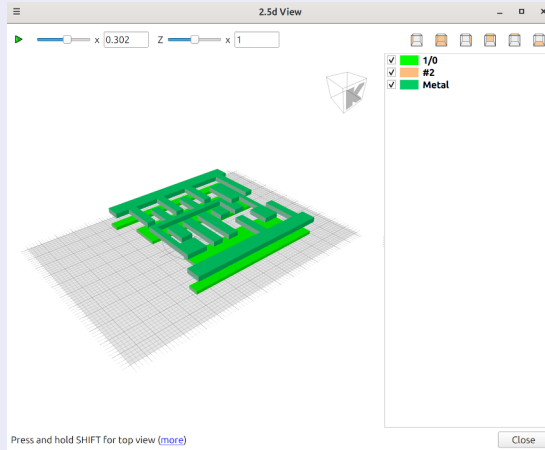

Figure 1: Standard cell in 2.5d viewer

Add layers in the script

- You will see only a little of the standard cells layers.
- That is because the script is very basic.

Task: Enhance the 2.5d script

- Try to add at least one more layer to the 2.5d script
- Run again and see the result.

Tip: Cheat from a pre-made script

Here is a script with some more layers in it:
https://gist.github.com/rslawson/fecc97d8731da95204ed59b00571582f

View a more complex design

Task:

- Load a coplete design GDS into KLayout,
- Run a 2.5d script and see the viewer.