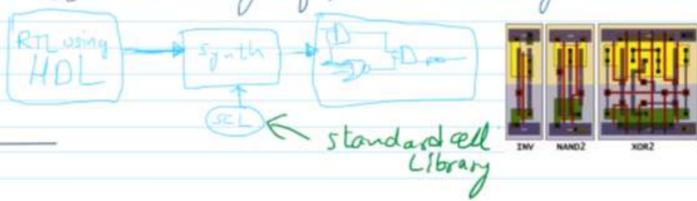
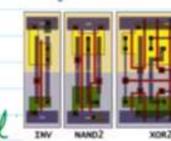
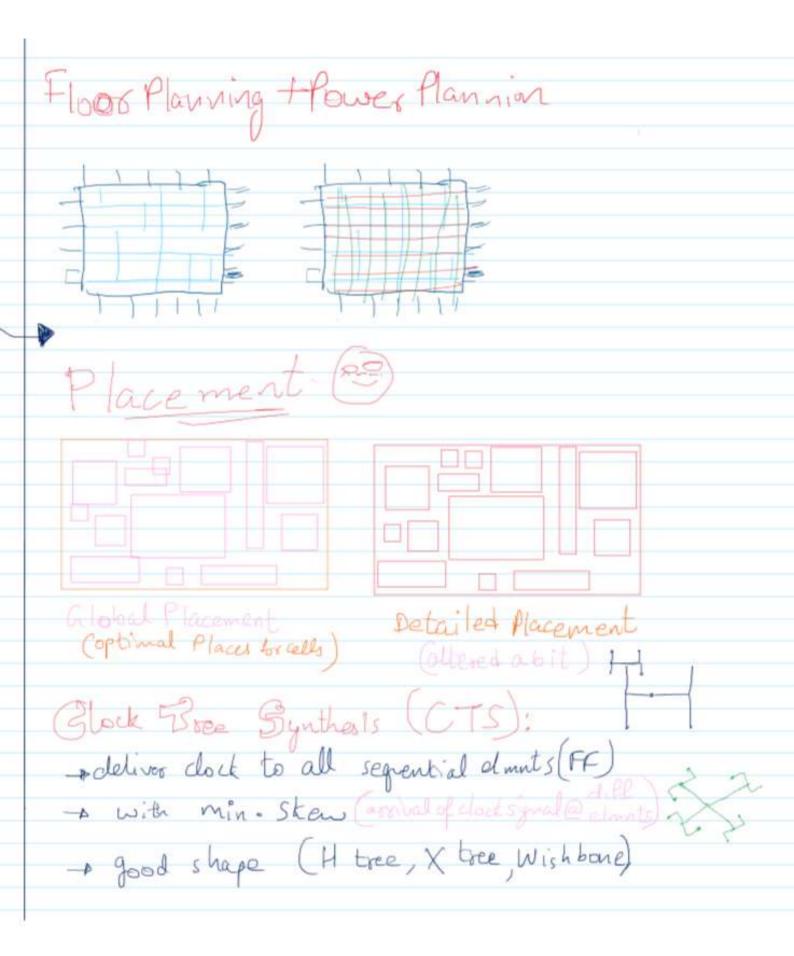


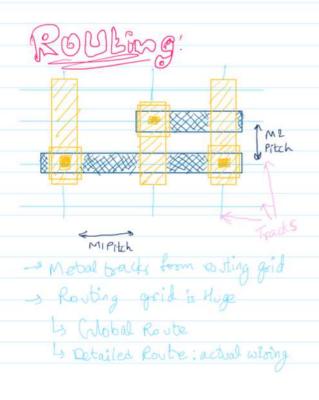
Why end stage in the flow is sign of Why not Bayout (3)

Interpretation: After going through entire RTL-6,DS/1 Slow, an IC design is tested for proper timing, power consumption, signal Integrity, DRC cta, thus confirming its appropriate functionally acctospecs. Layout information is sent in Bloody file GDSII
Grouphic Design System II which can be understood by
Fab manufacturing agripment interfaced by software









Sign OBF:
- Physical Vertication

1) Derga Role Checking (RC)

2) Layout vs Schematic (LVS)

-> STA Analysis (Timing)

COREN LONE: Boing overything together in one place whose all the necessary open EDA tools like openSTA, magic, netgenete, one aligned in a flow. Two, advising WORK -> god -> open lone - workingsix -> a pok; it appals only Commercial tools! any ok makes Stynater pDt compatible with apar EDA tools by using Skywater per sky 130A Pots/Sky 130A - 15 4) libs tech (tools) Lo libs. ref Sky130_fd_sc_hd Sounday & highdenaty Soundard

even of Orahost OS
To get openlane interactive
features que use doctors!

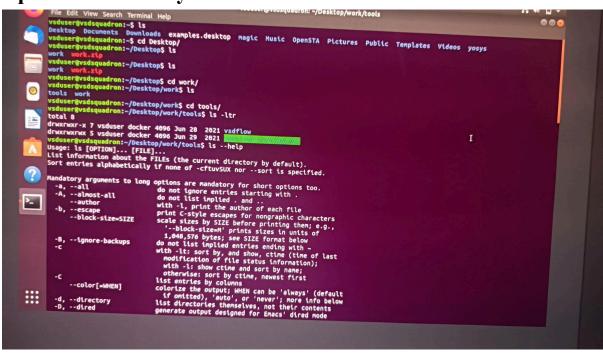


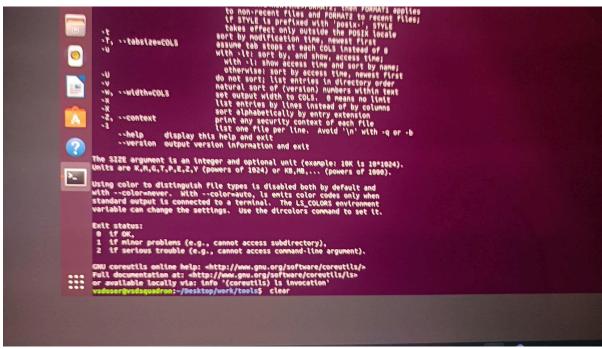
docker ?

Less config.td bypasses any order configurations

DAY1

Openlane directory structure:





```
vaduar@vsdauadroni=/basktop/work/tools@ [lear

vsduar@vsdauadroni=/basktop/work/tools@ dopenlane_working_dir/
vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/
vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/gis
openlane openlane_old pdks

vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks% is
openlane openlane_old pdks

vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks% is
openlane openlane_old pdks

vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks/sky130A

llbb.ref llbb.tech SUNCES

vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks/sky130A

llbb.ref llbb.tech SUNCES

vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks/sky130A

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vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks/sky130A

llbb.ref llbb.tech SUNCES

vsduar@vsdauadroni=/basktop/work/tools/openlane_working_dir/pdks/sky130A

drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_oru_sc_t18

drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

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drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

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drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

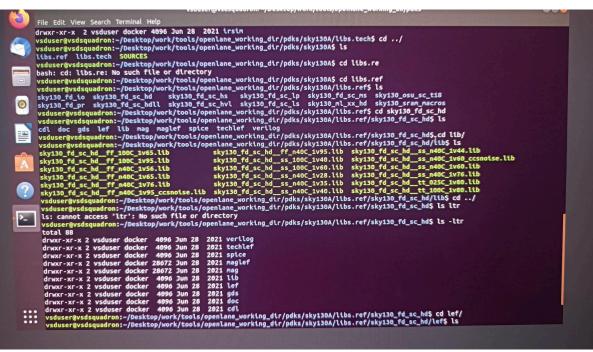
drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

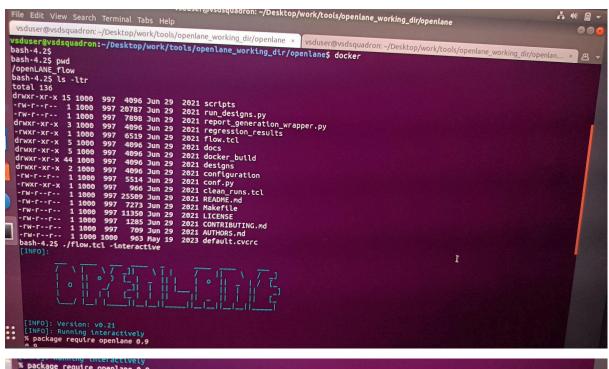
drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

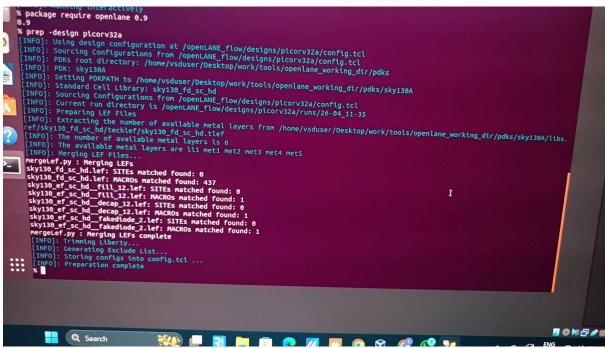
drwxr-xr-x 12 vsduard docker 4005 Jun 28 2021 sky130_ord_sc_lb

drwxr-xr-x 12 vsduard
```



```
sky130_fd_sc_hd_ff_100c_1v65.ilb sky130_fd_sc_hd_ss_100c_1v60.ilb sky130_fd_sc_hd_ss_nd0c_1v60.ilb sky130_fd_sc_hd_ff_100c_1v65.ilb sky130_fd_sc_hd_ss_100c_1v60.ilb sky130_fd_sc_hd_ss_nd0c_1v60.ilb sky130_fd_sc_hd_ss_nd0c_1v60.ilb
```





```
License GPLV3: CNU GPL version 3 whttp://gnu.org/licenses/gpl.htmls

This is free software, and you are free to change and redistribute it
under certain conditions; type 'show_copying' for details.

This program cones with ABSOLUTELY NO WARRANTY; for details type 'show_warranty',
Naring: /hone/posuser/Desktop/work/tools/openlame_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd_ff_n40C_tv9

S.lib line 31, default_operating_condition ff_n40C_tv9 for found,
nring: /hone/posuser/Desktop/work/tools/openlame_working_dir/pdks/sky130A/libs.ref/sky130_fd_sc_hd_ff_n40C_tv9

S.lib line 32, default_operating_condition ss_l00C_tv0 not found,
create_clock [get_ports 5::env(Clock_PRINO) * 5::env(Clock_PORT) -period $::env(CLOCK_PRINO) *

set input_delay_value [expr $::env(CLOCK_PRINO) * $::env(Clock_PORT) -period $::env(CLOCK_PRINO) *

set input_delay_value [expr $::env(CLOCK_PRINO) * $::env(Clock_PORT) -period $::env(CLOCK_PRINO) *

set input_delay_value [expr $::env(CLOCK_PRINO) *

set all_inputs_wo_clk_rest [Ireplace [sli_inputs] set input_delay_value *

set_input_delay_value [expr $::env(CLOCK_PRINO) *

set all_inputs_wo_clk_rest [Ireplace [sli_inputs] set input_delay_value *

set_input_delay_value [expr $::env(CLOCK_PRINO) *

set input_delay_value [expr $::env(CLOCK_PRI
```

e Edit View Search Terminal Tabs Help

vsduser@vsdsquadron: ~/Desktop/work/tools/openlane working

Number of	quadron: ~/Desktop/work,	14596	OTKING
	f wire bits:	14978	
	f public wires:		
		1565	
	f public wire bits:	1947	
	of memories:	0	
Number	of memory bits:	, 0	
	of processes:	0	
	of cells:	14876	
sky1	30_fd_sc_hda21110_2	1	
sky1	30_fd_sc_hda211o_2	35	
sky1	.30_fd_sc_hda211oi_2	60	
sky:	130_fd_sc_hd_ a21bo 2	149	
sky	130_fd_sc_hda21boi	2 8	
sky	130_fd_sc_hd_ a210 2	57	
sky	130_fd_sc_hd a210i 2	244	
sk	y130_fd_sc_hda221o_2 y130_fd_sc_hda22o_2	86	
sk sk	1013		
sk	2 1748		
? sl	ky130_fd_sc_hda2bb2o ky130_fd_sc_hda311o_	i_2 81	
	2 2		
S	ky130_fd_sc_hda31o_2	49	
>_	ky130_fd_sc_hda31oi_		
	sky130_fd_sc_hda320_2	46	
188	sky130_fd_sc_hda41o_; sky130_fd_sc_hdand2_	1	
	sky130_fd_sc_hd_and3_		
	sky130 fd sc hd and4	2 58 2 345	
	Sky130_fd_sc hd and4b	2 1	
	sky130 fd sc hd buf	1 1656	
	sky130_fd_sc_hd_buf	2	
	sky130 fd sc hd conb sky130 fd sc hd dfxt		
100000000000000000000000000000000000000	sky130_fd_sc_hd_dfxt sky130_fd_sc_hd_inv		
	sky130_fd sc hd mux2	2 1615 2_1 1224	
	sky130_fd_sc_hd_mux		
	sky130 fd sc hd mux	4 1 224	
	childe the childe	47 7 79	