

Weekly Report

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Week 11

Summary:

This week:

1. I modified the problem of my last task.

Because words in the report shows as:

```
rptr_empty/rempty_reg/Q (DFFASX1)
                                0.862    0.019    0.059    0.059 f
```

Thus, in the past, my table showed as:

Point	Cap	Trans	Incr	Path
clock rclk (rise edge)			0.000	0.000
clock network delay (ideal)			0.000	0.000
rptr_empty/rempty_reg/CLK (DFFASX1)		0.000	0.000	0.000
	0.862	0.019	0.059	0.059
rptr_empty/U10/A2 (NOR2X1)		0.019	0.013	0.072

Now, it can show the complete data.

```
rptr_empty/rempty_reg/CLK (DFFASX1)    0.000
rptr_empty/rempty_reg/Q (DFFASX1)      0.862
```

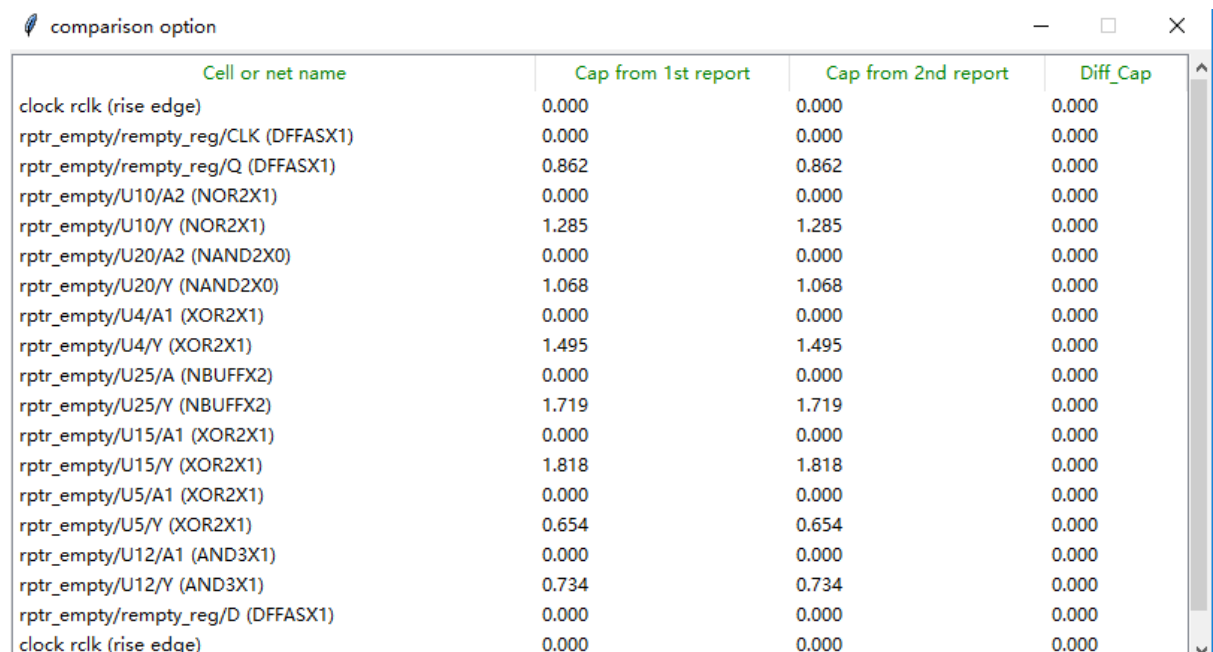
2. I basely complete my new task.

comparison option

Startpoint: Endpoint:

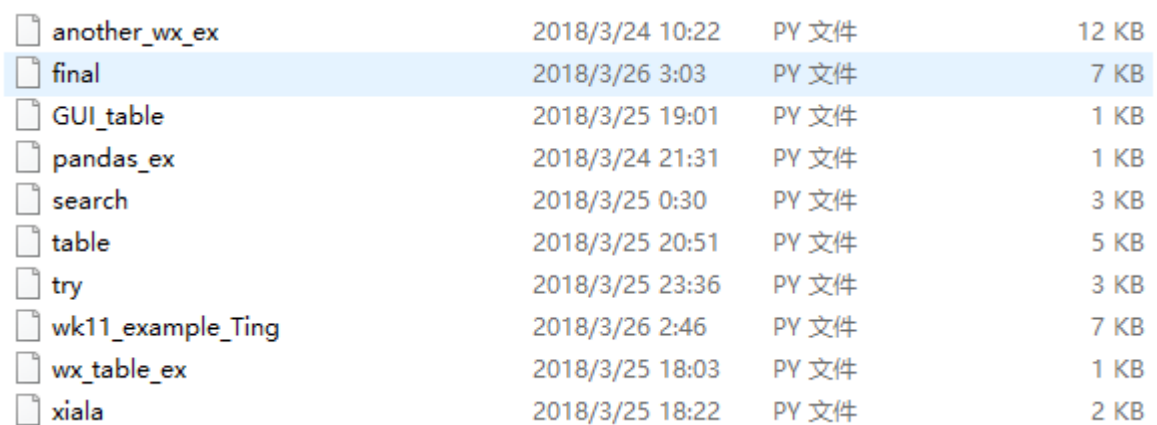
Comparison Option:

After user choose the specific Startpoint and Endpoint, click the one button. The frame will disappear and the window will show the specific table.



Cell or net name	Cap from 1st report	Cap from 2nd report	Diff_Cap
clock rclk (rise edge)	0.000	0.000	0.000
rpnr_empty/rempty_reg/CLK (DFFASX1)	0.000	0.000	0.000
rpnr_empty/rempty_reg/Q (DFFASX1)	0.862	0.862	0.000
rpnr_empty/U10/A2 (NOR2X1)	0.000	0.000	0.000
rpnr_empty/U10/Y (NOR2X1)	1.285	1.285	0.000
rpnr_empty/U20/A2 (NAND2X0)	0.000	0.000	0.000
rpnr_empty/U20/Y (NAND2X0)	1.068	1.068	0.000
rpnr_empty/U4/A1 (XOR2X1)	0.000	0.000	0.000
rpnr_empty/U4/Y (XOR2X1)	1.495	1.495	0.000
rpnr_empty/U25/A (NBUFFX2)	0.000	0.000	0.000
rpnr_empty/U25/Y (NBUFFX2)	1.719	1.719	0.000
rpnr_empty/U15/A1 (XOR2X1)	0.000	0.000	0.000
rpnr_empty/U15/Y (XOR2X1)	1.818	1.818	0.000
rpnr_empty/U5/A1 (XOR2X1)	0.000	0.000	0.000
rpnr_empty/U5/Y (XOR2X1)	0.654	0.654	0.000
rpnr_empty/U12/A1 (AND3X1)	0.000	0.000	0.000
rpnr_empty/U12/Y (AND3X1)	0.734	0.734	0.000
rpnr_empty/rempty_reg/D (DFFASX1)	0.000	0.000	0.000
clock rclk (rise edge)	0.000	0.000	0.000

3. I did the every part separately. Then I integrated these parts.



another_wx_ex	2018/3/24 10:22	PY 文件	12 KB
final	2018/3/26 3:03	PY 文件	7 KB
GUI_table	2018/3/25 19:01	PY 文件	1 KB
pandas_ex	2018/3/24 21:31	PY 文件	1 KB
search	2018/3/25 0:30	PY 文件	3 KB
table	2018/3/25 20:51	PY 文件	5 KB
try	2018/3/25 23:36	PY 文件	3 KB
wk11_example_Ting	2018/3/26 2:46	PY 文件	7 KB
wx_table_ex	2018/3/25 18:03	PY 文件	1 KB
xiala	2018/3/25 18:22	PY 文件	2 KB

When I integrated them, I met a lot of problems.

I learned how to changed the global variables in the function.

I learned the command of Button can't go with arguments.

4. I still uses the ttk.treeview to make the GUI table. Last week, I found a library named "wx". I found some example and it showed good.

	第一列	第二列	第三列	第四列
第一行	0	1	2	3
第二行	0	1	2	3
第三行	0	1	2	3
第四行	0	1	2	3

But others reminded me that “wx” is not following tkinter. To maintain the same tool as the other members use, I gave up use the “wx”. If we must use tkinter, I still prefer to use tktable. I hope I can solve the problem quickly.

5. Actually, I haven’t complete my new task as I except.

I expected:

1. After users choose the startpoint, endpoint list can give the corresponding possible endpoint. But users also probably choose the endpoint first, I hope the startpoint list can also show the corresponding possible startpoint. Now, both startpoint list and endpoint list show all possible value. I will improve it next week.

2. Highlight the comparison result as the requirement of users.

3. Use “class”, make my code callable.

Issue:

1. There some data in the report just is a space. I changed the space to 0.000 in my GUI table. Is that allowed?

Point	Cap	Trans	Incr	Path
clock rclk (rise edge)			0.000	0.000
clock network delay (ideal)			0.000	0.000

Cell or net name	Cap from 1st report
clock rclk (rise edge)	0.000

2. Is that possible two report have the same startpoint and endpoint, but have different cell or net set (path)? If so, my code can’t show the difference of cell set. I need to adjustment.

3. I hope Ataur can provide two very different reports. I used QORs_Detailed_Timing_Report and QORs_Detailed_Timing_Report1 in the script fold. These file seems be same.

Next week:

1. I will complete my new task as I expected.

1. make startpoint list and endpoint list can influence each other.
2. highlight the comparison result as the requirement of users.
3. use “class”, make my code callable.