Weekly Report

Ting Wang Feb 10, 2018 Week 5

Summary:

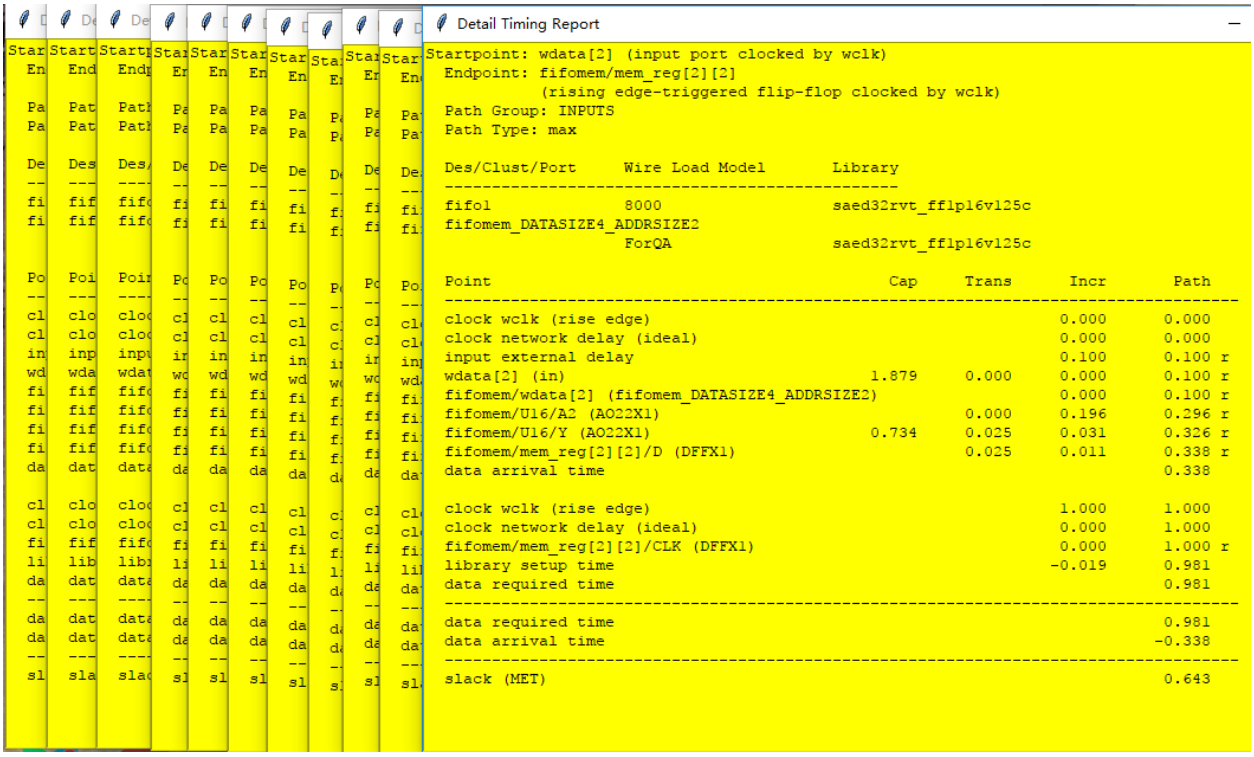
This week, I paid less attention to the capstone project, because of the midterm. Thus, I just solve the problems of last week. I sent the email to sponsor, Ataur and asked my problems of last term. He answered my questions clearly. To sum up, Ataur asked me keep reporting the 1st one detailed report.

Data:

I put one counter in my code and make it meet the requirement of Ataur.

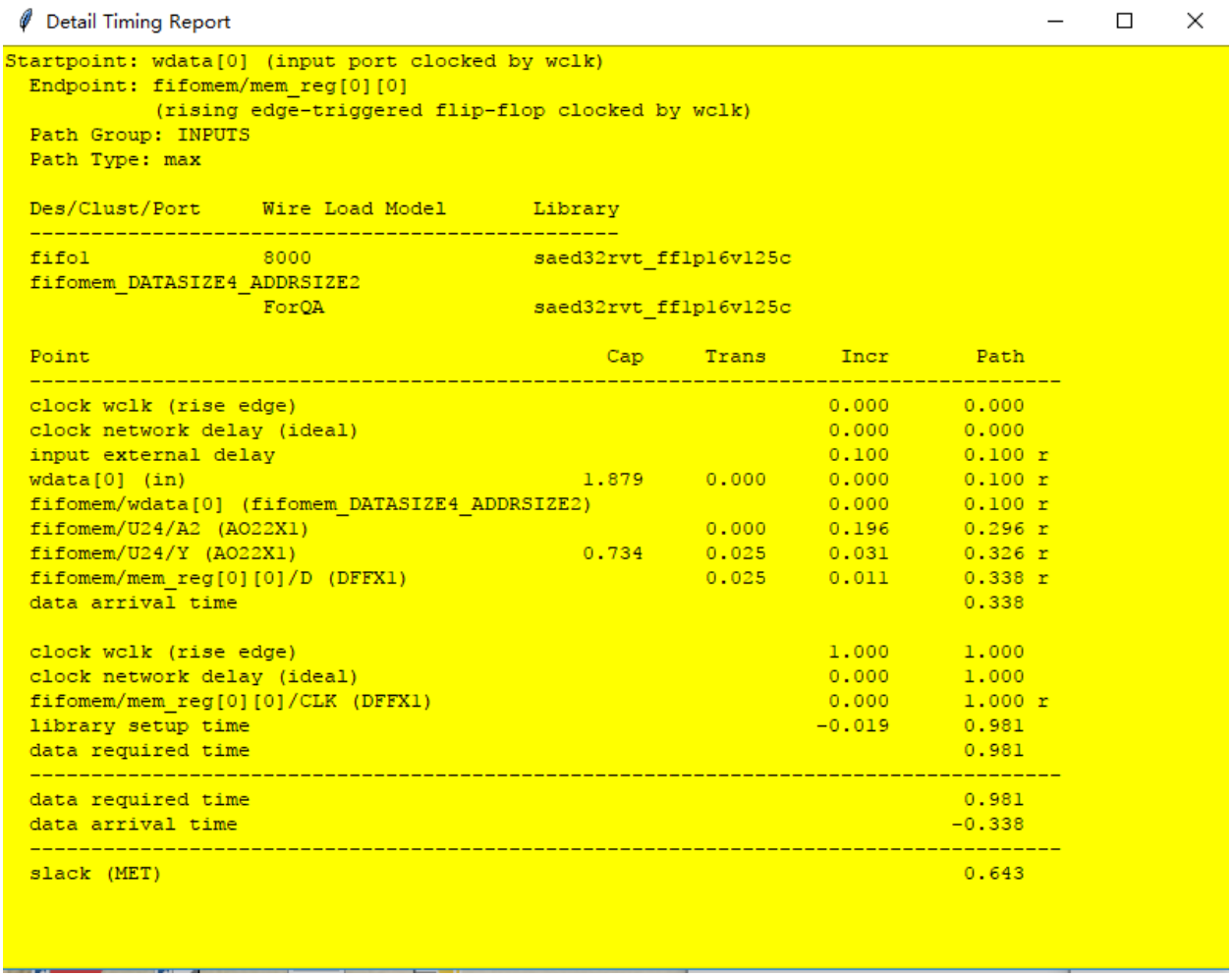
```
from tkinter import *
import re

def detail_report_window(report):
    root = Tk()
    root.title('Detail Timing Report')
    root.geometry('800x600')
    atext=Text(root,width='600', height='600',bg='yellow')
    atext.insert(INSERT, report)
    atext.pack()


def match_detail(path1,path2,path_group):
    QOR_report=open(path1).read()
    Detailed_QOR_report=open(path2).read()
    for str in QOR_report.split('\n\n'):
        if re.search(path_group ,str, re.M|re.I):
            fact=re.search(r'Critical Path Slack:(.*)',str,re.M|re.I)
            slack=fact.group(1)
            i=0
            for str in Detailed_QOR_report.split('\n\n\n'):
                if re.search(r'Path Group: '+path_group,str,re.M|re.I):
                    if re.search(r'slack.*'+slack,str,re.M|re.I):
                        if i<1:
                            detail = re.search(r'Startpoint:.*slack.*\d', str, re.M|re.I|re.S|re.DOTALL)
                            detail_report_window(detail.group())
                            i+=1

Detailed_QOR_report_path="C:/Users/Ting Wang/Desktop/tool/QORs_Detailed_Timing_Report.txt"
QOR_report_path="C:/Users/Ting Wang/Desktop/tool/QOR_Report_File.txt"
Path_Group=input("Path_Group: ")
match_detail(QOR_report_path, Detailed_QOR_report_path, Path_Group)
```

When I typed in “inputs”, the previous result:



There are more than one detailed reports here.

Now, after I changed my code, there is only one detailed report left.



Next Week:

I may mainly focus on my midterm and maybe spend less time on capstone.