Python对Excel的读写主要有xlrd、xlwt、xlutils、openpyxl、xlsxwriter几种

# 1.xlrd主要是用来读取excel文件

import xlrd  
  
workbook = xlrd.open\_workbook(u'有趣装逼每日数据及趋势.xls')  
sheet\_names= workbook.sheet\_names()  
for sheet\_name in sheet\_names:  
　　 sheet2 = workbook.sheet\_by\_name(sheet\_name)  
　　 print sheet\_name rows = sheet2.row\_values(3) # 获取第四行内容  
　　 cols = sheet2.col\_values(1) # 获取第二列内容  
　　 print rows  
　　 print cols

# 2.xlwt主要是用来写excel文件

import xlwt  
  
wbk = xlwt.Workbook()  
sheet = wbk.add\_sheet('sheet 1')  
sheet.write(0,1,'test text')#第0行第一列写入内容  
wbk.save('test.xls')

# 3.xlutils结合xlrd可以达到修改excel文件目的（xls，不支持xlsx）

import xlrd  
from xlutils.copy import copy  
  
workbook = xlrd.open\_workbook(u'有趣装逼每日数据及趋势.xls')  
workbooknew = copy(workbook)  
ws = workbooknew.get\_sheet(0)  
ws.write(3, 0, 'changed!')  
workbooknew.save(u'有趣装逼每日数据及趋势copy.xls')

# 4.openpyxl可以对excel文件进行读写操作

from openpyxl import Workbook  
from openpyxl import load\_workbook  
from openpyxl.writer.excel import ExcelWriter   
  
workbook\_ = load\_workbook(u"新歌检索失败1477881109469.xlsx")  
sheetnames =workbook\_.get\_sheet\_names() #获得表单名字  
print sheetnames  
sheet = workbook\_.get\_sheet\_by\_name(sheetnames[0])  
print sheet.cell(row=3,column=3).value  
sheet['A1'] = '47'   
workbook\_.save(u"新歌检索失败1477881109469\_new.xlsx")   
wb = Workbook()  
ws = wb.active  
ws['A1'] = 4  
wb.save("新歌检索失败.xlsx")

# 5.xlsxwriter可以写excel文件并加上图表

import xlsxwriter  
  
def get\_chart(series):  
 chart = workbook.add\_chart({'type': 'line'})  
 for ses in series:  
 name = ses["name"]  
 values = ses["values"]  
 chart.add\_series({   
 'name': name,  
 'categories': 'A2:A10',  
 'values':values  
 })   
 chart.set\_size({'width': 700, 'height': 350})   
 return chart  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 workbook = xlsxwriter.Workbook(u'H5应用中心关键数据及趋势.xlsx')   
 worksheet = workbook.add\_worksheet(u"每日PV,UV")  
 headings = ['日期', '平均值']  
 worksheet.write\_row('A1', headings)  
 index=0  
 for row in range(1,10):  
 for com in [0,1]:  
 worksheet.write(row,com,index)  
 index+=1   
 series = [{"name":"平均值","values":"B2:B10"}]  
 chart = get\_chart(series)  
 chart.set\_title ({'name': '每日页面分享数据'})   
 worksheet.insert\_chart('H7', chart)  
 workbook.close()``