CAE and CAD commandlines

ANSYS classic

"D:\Program Files\ANSYS Inc\v160\ANSYS\bin\winx64\ansys160.exe" -p ane3fl -dir "计算的路径" -j "分析名称" -s read -l en-us -b -i "APDL文件名" -o "输出记录文件名"

ANSYS workbench

见WB的帮助文件，搜索 RunWB.exe

"C:\Program Files\ANSYS Inc\v160\Framework\bin\Win64\RunWB2.exe" -X -F workbench的项目文件.wbpj -R wb的脚本文件.wbjn

"C:\Program Files\ANSYS Inc\v160\Framework\bin\Win64\RunWB2.exe" -B -F workbench的项目文件.wbpj -R wb的脚本文件.wbjn

Adams

"C:\\MSC.Software\\Adams\_x64\\2015\\common\\mdi.bat" acar ru-st b 模型.cmd

CATIA

"C:\Program Files\Dassault Systemes\B20\win\_b64\code\bin\CATSTART.exe" -run "CNEXT.exe -macro CATIA脚本.CATScript "

Solidworks

如果安装了Solidworks，可以直接在cmd窗口里面执行xxx.vbs

Hypermesh

HM帮助有详细说明

"C:\Program Files\Altair\14.0\hm\bin\win64\hmbatch.exe" -tcl 脚本.tcl

Matlab

如果要运行test.m，方式如下

"C:\Program Files\MATLAB\R2013a\bin\matlab.exe" -wait -logfile matlablog.txt -r test

ANSA

ANSA64.bat -nogui -exec "load\_script:%pyfile%"

ABAQUS

这个是等到计算结束的，注意py文件里面一定要有submit函数来提交计算

"C:\SIMULIA\Abaqus\Commands\abaqus.bat" cae nogui=py脚本文件.py

这个是提交后不管的，后台执行

"C:\SIMULIA\Abaqus\Commands\abaqus.bat" job=\*.inp int

打开界面的，可以批量抓图

"C:\SIMULIA\Abaqus\Commands\abaqus.bat" cae start= py脚本文件.py

NASTRAN

不要用nastranw.exe

Nastran.exe 模型.bdf

Fluent

建议用TUI编写JOU文件

"C:\Program Files\ANSYS Inc\v160\fluent\ntbin\win64\fluent.exe" 3d -i 脚本.JOU

StartCCM+

starccm+.exe -batch 模型.sim 脚本.java

Carsim2017

运行之前，需要在carsim界面使用tools/VS ERD file utility,选择erd文件，转换以后，保存配置文件

set inidir=%cd%

cd ..\..\..\results

for /f "delims=" %%i in ('dir /B /AD') do (set a=%%i)

cd %a%

set thisResultdir=%cd%

cd %inidir%

copy run\_all.par %thisResultdir% /Y

copy file\_csv.cvt\_cfg ..\..\..\Configuration /Y

cd ..\..\..\

"C:\Users\Public\Documents\CarSim2017.1\_Data\Extensions\Custom\_C\solver\_simple\solver\_simple.exe" "simfile.sim"

"C:\Program Files (x86)\CarSim2017.1\_Prog\Programs\ERDConverter.exe" -b %thisResultdir%\lastrun.erd -i .\configuration\file\_csv.cvt\_cfg

copy %thisResultdir%\lastrun.csv %inidir%\lastrun.csv /Y

Carsim8.02

copy $Run101\_all.par$ D:\SynologyDrive\12work\Chery\20190505\Runs\ /Y

copy $simfile$ D:\SynologyDrive\12work\Chery\20190505\ /Y

copy $user\_csv.cvt\_cfg$ D:\SynologyDrive\12work\Chery\20190505\Configuration\ /Y

"C:\Users\Public\Documents\CarSim\_Data\Extensions\Custom\_C\solver\_simple\solver\_simple.exe" "D:\SynologyDrive\12work\Chery\20190505\simfile"

"C:\Program Files (x86)\CarSim802\_Prog\Programs\ERDConverter.exe" -b D:\SynologyDrive\12work\Chery\20190505\Runs\Run101.erd -i D:\SynologyDrive\12work\Chery\20190505\Configuration\user\_csv.cvt\_cfg

copy D:\SynologyDrive\12work\Chery\20190505\Runs\Run101.csv Run101.csv /Y