台灣杉一號上 CFD-ACE+ 泛用型三維耦合計算流體力學軟體啟動操作說明

軟體名稱：CFD-ACE+ 泛用型三維耦合計算流體力學軟體

軟體類別：工程類應用軟體-流體力學

軟體版別：非工業版

軟體平台：UNIX 版

版本：

```
$ module avail cfdace

------------------------------------------ /cm/shared/applications ------------------------------
cfdace/v2015.0 cfdace/v2017.5 cfdace/v2018.5
```

執行前環境設定：

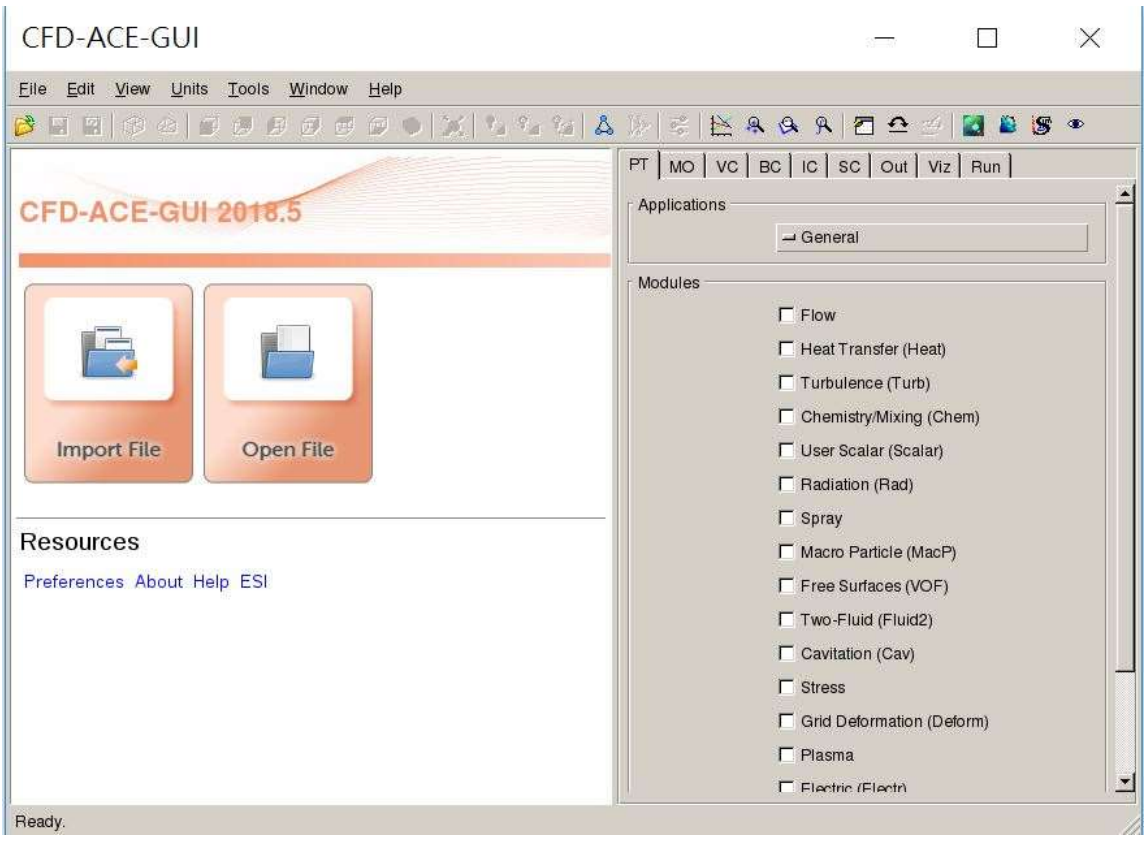
```
$ module load cfdace/v2018.5
```

啟動軟體命令：

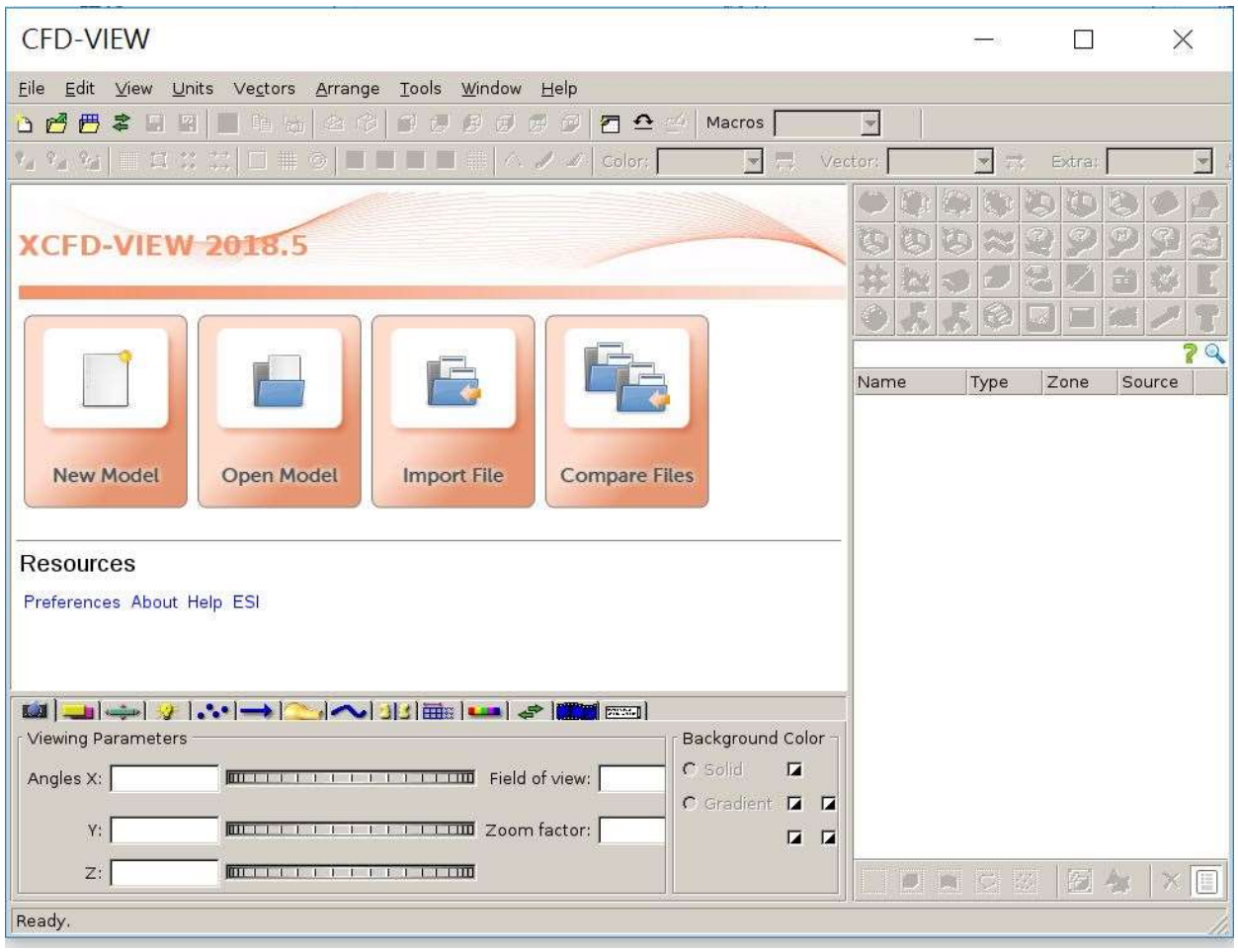
```
$ module whatis cfdace/v2018.5
cfdace/v2018.5      :  Sets the environment for using cfdace/v2018.5 command:  XCFD-ACE-GUI
cfdace/v2018.5      :                                                XCFD-GEOM XCFD-VIEW
```

操作實例：

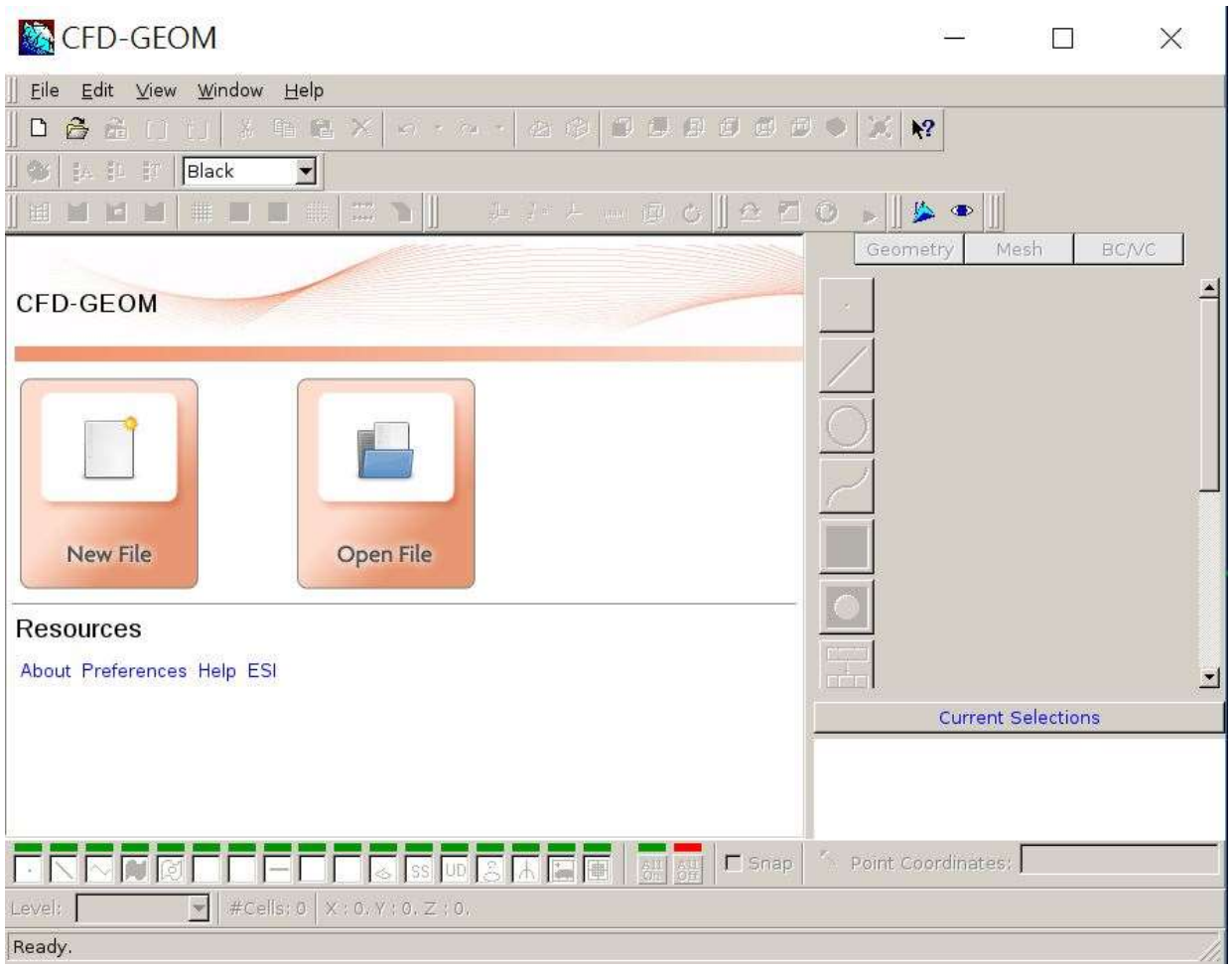
```
[a00scl00@clogin2 ~]$ module avail cfdace

------------------------------------------ /cm/shared/applications ------------------------------
cfdace/v2015.0 cfdace/v2017.5 cfdace/v2018.5
[a00scl00@clogin2 ~]$ module load cfdace/v2018.5
[a00scl00@clogin2 ~]$ module whatis cfdace/v2018.5
cfdace/v2018.5      :  Sets the environment for using cfdace/v2018.5 command:  XCFD-ACE-GUI
cfdace/v2018.5      :                                                XCFD-GEOM XCFD-VIEW
[a00scl00@clogin2 ~]$ XCFD-ACE-GUI &
[1] 178804
```



```
[a00scl00@clogin2 ~]$ XCFD-VIEW &
[2] 105472
```




```
[a00scl00@clogin2 ~]$ XCFD-GEOM
SPLASH: updating window contents
[a00scl00@clogin2 ~]$ Attempting unlock 8879...
```




```
[a00scl00@clogin2 ~]$ cfdaceq
=========================================================
No. Feature:                    Issued   Used    PCT
--- -------------------------- ------- ------- ------
0   CFD_ACEPACK_BASE:            10       2      20.00
1   CFD_PARALLEL:               16       0       0.00
2   CFD_MICROMESH:              10       0       0.00
3   CFD_ACE_VOF:                10       0       0.00
```

```
4   CFD_ACE_USERDEF:          10      0       0.00
5   CFD_ACE_TWOPHASE:         10      0       0.00
6   CFD_ACE_SPRAY:            10      0       0.00
7   CFD_ACE_SDRAD:            10      0       0.00
8   CFD_ACE_PARTICLE:         10      0       0.00
9   CFD_ACE_MAGNETIC:         10      0       0.00
=====================================================
S/N of the feature: [0]
Feature : CFD_ACEPACK_BASE
==================================================================================
Days    User           Hostname               (Lmserver/port handle)  Status
------- --------------- ----------------------- ----------------------- ---------------
0.01    a*0*c*0*       clogin2                (sarah/7789 210)       start Mon 1/21 10:32
0.00    a*0*c*0*       clogin2                (sarah/7789 518)       start Mon 1/21 10:37
----------------------------------------------------------------------------------
```