

The CEAgui FAQ on Mac OS X PC..... 6/05/2006 Minna Chao

- A) Please check which version of your Fortran Compiler g77 running on your Mac PC.
If you got similar error messages for the Fortran files (FCEA2, b1b2b3, or syntax) such as:

ERROR: waitValue=5
File not found! Runtime.getRuntime().exec(b1b2b3) not complete due to
the missing thermo.lib or trans.lib or BAD data!

java version "1.4.2_09"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.4.2_09-233)
Java HotSpot(TM) Client VM (build 1.4.2-56, mixed mode)

java -classpath CEAgui.jar CEAgui
@@@ osname=mac os x osarch=ppc osversion=10.3.9
@@@ Total missing Configuration files = 0

All CEAgui configuration files are found in the current directory !
: FCEA2, b1b2b3, syntax ,thermo.lib, trans.lib , CEAgui.jar

java.io.IOException: b1b2b3: not found

You have an incompatible Fortran Compiler g77 than the one from CEAgui download. If you need
a new Fortran Compiler g77 for your Mac PC, please download it from [http://hpc.sourceforge.net/
Binaries: g77v3.4-bin.tar.gz](http://hpc.sourceforge.net/Binaries:g77v3.4-bin.tar.gz) (Panther/Tiger), updated June 2005.

- B) Please do the following tasks to solve your problem:

- 1) To create the **NEW** executables for cea2.f , b1b2b3.f and syntax.f

```
g77 cea2.f
rename a.out FCEA2
```

```
g77 b1b2b3.f
rename a.out b1b2b3
```

```
g77 syntax.f
rename a.out syntax
```

- 2) To create the **NEW** Library files for trans.lib and thermo.lib
NOTE THAT: Here <cr> means the Carriage Return .

```
FCEA2    <cr>
>> trans <cr>
```

```
FCEA2    <cr>
>> thermo <cr>
```

```
FCEA2    <cr>
>> cea2   <cr>
```

- 3) Before you run **runCEA.sh**, MAKE SURE:

ALL ZIP files must unZIP and save into the **SAME** directory

Very important! Update your **PATH** variable to include your **installation** directory.
setenv PATH \${PATH};.