

Chapter 1

How To Start

1. First unpack the file `one-region-may-1-2007.zip` into a folder of your choice, say, `C:\CREAP\one-region-may-1-2007` on the C: drive. You should see the following subfolders and files:

```
one-region-may-1-2007
  build
    creap-agg-VA.gms
    read-base-VA.gms
  data
    CREAP-DATA-2001-G-one-VA.gdx
    CREAP-DATA-2001-G-one-VA.xls
    creap-data-2001-LBaseG-VA.gdx
    creap-data-2001-LBaseG-VA.xls
  defines
    G-one-VA.map
    G-one-VA.set
  inclib
    agr.gms
    checkset.gms
    chktarget.gms
  one
    bmr-1.gms
one-region.bat
one-region.txt
```

For now, focus on the file `bmr-1.gms` which is the main GAMS program file of the package.

2. Open GAMS IDE and create a new project for the package as follows:
 - click File → Project → New Project
 - navigate to the folder `one` above

- enter a name for the GAMS project file, say, `one`

- click `Open`

GAMS IDE will create the project file `one.gpr` inside the folder `one` which helps GAMS to locate included files when needed. This process of creating a new project file has to be done only once (unless the package is moved around to another location).

3. With the help of the project file `one.gpr`, GAMS IDE knows exactly the location of the main program file `bmrt-1.gms`.

- click `File` → `Open`

- you should see the program file `bmrt-1.gms` in the window

- click on it

- click `Open`

GAMS IDE then opens the program file `bmrt-1.gms` and we're in business! You can now edit, compile, and run the program file `bmrt-1.gms`.