Installation Notes for GASPware

- Digital Unix (OSF/4) on Alpha - with Digital C and FORTRAN compilers
- Solaris 2.x on Sun - with Sun Workshop compilers
- Linux on PC x86 - with gcc and PGI's pgf77 or Intel compilers
- Mac OSX on Mac Intel computers – with Intel compilers

HOW TO INSTALL

(i) *download* the file GASPware.tar.gz corresponding with your computer and operating system

(ii) *uncompress* the archive:

```
gzip –d –c GASPware.tar.gz | tar xvf -
```

It will create a directory named **GASPware** with the following structure

```
GASPware/
        |-- bin
        |-- doc
        |-- etc
        `-- src
                |-- StopP
                |-- Ygl-4.0
                |-- cmat
                |-- gsort
                |-- libr
                |-- recal
                |-- sadd
                |-- tape
                |-- varie
                `-- xtrack
```

NOTE: Platform dependent executables have to be already in the **bin/** directory. If you want only to use them and not to recompile the programs on your machine, go directly to **step (v)**

(iii) *enter* in the GASPware directory

```
cd GASPware
```

(iv) *compile* the programs as follows

for Digital Unix (OSF/4) :

make digital

for Solaris 2.x

gmake sun *(GNU make is needed)*

for Linux

make linux *if you use gcc + pgf77 , or*

make intel *if you use Intel C and FORTRAN compilers*

for Mac OSX

make intel (*you need Intel C and FORTRAN compilers*)

If everything goes well, the new binaries will be placed in the **bin/** directory.

(v) *set the environment*

- add the **[...]/GASPware/bin/** directory to the PATH environment variable
- define the GSDIR environment variable to point to the **[...]/GASPware/etc/** directory