

Compiling PEST_HP

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Note:

If compiling PEST with GFORTRAN version 10 or later, you may need to include the following compiler switch (that is not supported by previous versions of this compiler):

-fallow-argument-mismatch

This simply warns about an argument mismatch that is encountered during compilation rather than creating an error condition. Argument mismatches arise when calling some public domain numerical libraries.

See documentation of the UNIX version of PEST for an explanation of compiler directives and source code preprocessing.

The makefiles provided with the HP suite are suitable for GFORTRAN. They can be easily modified (if necessary) for suitability with other compilers. To compile all members of the suite, issue the following commands.

```
make -f pest_hp.mak cppp
```

```
make -f pest_hp.mak clean  
make -f pest_hp.mak pest_hp  
make -f pest_hp.mak clean
```

```
make -f pest_hp.mak pwhisp_hp  
make -f pest_hp.mak clean
```

```
make -f pest_hp.mak pcost_hp  
make -f pest_hp.mak clean
```

```
make -f cmaes_hp.mak cmaes_hp  
make -f pest_hp.mak clean
```

```
make -f jactest_hp.mak jactest_hp  
make -f pest_hp.mak clean
```

```
make -f rsi_hp.mak rsi_hp  
make -f pest_hp.mak clean
```

```
make -f ensi_hp.mak ensiprep  
make -f ensi_hp.mak ensimod  
make -f ensi_hp.mak postensiunc  
make -f pest_hp.mak clean
```

```
make -f agent_hp.mak agent_hp  
make -f pest_hp.mak clean
```

