

## ctools - Bug #2114

### Missing \*.i files in tarball release of ctools for python wrappers creation

05/18/2017 04:46 PM - Di Venere Leonardo

|                        |                  |                        |            |
|------------------------|------------------|------------------------|------------|
| <b>Status:</b>         | Closed           | <b>Start date:</b>     | 05/18/2017 |
| <b>Priority:</b>       | High             | <b>Due date:</b>       |            |
| <b>Assigned To:</b>    | Knödseder Jürgen | <b>% Done:</b>         | 100%       |
| <b>Category:</b>       |                  | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b> | 1.3.0            |                        |            |

#### Description

I downloaded the tarball of ctools source code using the command:

```
wget http://cta.irap.omp.eu/ctools/releases/ctools/ctools-1.3.0.dev1.tar.gz
```

The \*.i files for python wrappers are not there. If I compile the code using the existing python wrappers, it works. However, if I remove the wrappers (for example running make distclean), I get an error when compiling the wrappers.

These are the commands I execute:

```
./configure  
make distclean  
./configure  
make
```

The second configure summary states that the python wrappers must be generated using swig, which is correctly found:

```
ctools configuration summary  
=====  
* GammaLib support      (yes)  
* End user configuration (yes)  
* Make Python binding   (yes) use swig for building  
* Python                (yes)  
* Python.h              (yes)  
* swig                  (yes)  
- Python wrappers      (no)  
* Doxygen                (yes) /usr/bin/doxygen  
- Enable OpenMP         (no)  
- Compile in debug code (no) (default)  
- Enable code for profiling (no) (default)
```

This is the error I get when making the code:

```
Making all in pyext  
make[2]: Entering directory `/home/divenere/Programs/ctools/ctools-1.3.0.dev1/pyext'  
make[2]: *** No rule to make target `ctools/tools.i', needed by `../pyext/ctools/tools_wrap.cpp'. Stop.  
make[2]: Leaving directory `/home/divenere/Programs/ctools/ctools-1.3.0.dev1/pyext'  
make[1]: *** [all-recursive] Error 1  
make[1]: Leaving directory `/home/divenere/Programs/ctools/ctools-1.3.0.dev1'  
make: *** [all] Error 2
```

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## History

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### #1 - 05/18/2017 10:17 PM - Knödlseider Jürgen

- *Assigned To set to Knödlseider Jürgen*
- *Priority changed from Normal to High*
- *Target version set to 1.3.0*

I confirm, for some reason the .i files are not in the tarball. I will investigate that.

### #2 - 05/23/2017 06:28 PM - Knödlseider Jürgen

- *Status changed from New to In Progress*
- *% Done changed from 0 to 90*

There was a dist-hook missing in the pyext/Makefile.am so that the files get distributed into the tarball:

```
dist-hook:  
  cp -r $(srcdir)/*.i $(distdir)  
  cp -r $(srcdir)/ctools/*.i $(distdir)/ctools
```

I added this dist-hook. Still need to check whether the tarball is okay.

### #3 - 05/23/2017 09:39 PM - Knödlseider Jürgen

- *Status changed from In Progress to Closed*
- *% Done changed from 90 to 100*

The missing SWIG interface files are now included in the tarball.