ctools - Bug #2114

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

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

Status:	Closed		**Start date:**	05/18/2017
Priority:	High		**Due date:**	
Assigned To:	Knödlseder Jürgen		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	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
```

History

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

- Assigned To set to Knödlseder 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 - Knödlseder 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 - Knödlseder 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.