ctools - Change request #2182

When cscripts are used from Python they write out a log file

08/25/2017 01:07 AM - Knödlseder Jürgen

Status:	Closed		**Start date:**	08/25/2017
Priority:	Normal		**Due date:**	
Assigned To:	Knödlseder Jürgen		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	1.5.0			

Description
This is not what happens for a ctool, and we want that cscripts behave like ctools.

History

#1 - 01/23/2018 04:53 PM - Knödlseder Jürgen

Here is what happens when running a ctools:

```
>>> import gammalib
>>> import ctools
>>> sim=ctools.ctobssim()
>>> sim.run()
RA of pointing (degrees) (0-360) [83.63]
Dec of pointing (degrees) (-90-90) [22.01]
Radius of FOV (degrees) (0-180) [5.0]
Start time (UTC string, JD, MJD or MET in seconds) [2020-01-01T00:00:00]
Stop time (UTC string, JD, MJD or MET in seconds) [2020-01-01T00:30:00]
Lower energy limit (TeV) [0.1]
Upper energy limit (TeV) [100.0]
Calibration database [prod2]
Instrument response function [South_0.5h]
Input model definition XML file [$CTOOLS/share/models/crab.xml]
```

No output file is created.

```
>>> import gammalib
>>> import ctools
>>> sim=ctools.ctobssim()
>>> sim.execute()
RA of pointing (degrees) (0-360) [83.63]
Dec of pointing (degrees) (-90-90) [22.01]
Radius of FOV (degrees) (0-180) [5.0]
Start time (UTC string, JD, MJD or MET in seconds) [2020-01-01T00:00:00]
Stop time (UTC string, JD, MJD or MET in seconds) [2020-01-01T00:30:00]
Lower energy limit (TeV) [0.1]
Upper energy limit (TeV) [100.0]
Calibration database [prod2]
Instrument response function [South_0.5h]
Input model definition XML file [$CTOOLS/share/models/crab.xml]
Output event data file or observation definition XML file [events.fits]
```

No output file is created.

And here is what happens when running a cscript:

```
>>> import gammalib
>>> import cscripts
>>> c=cscripts.cscaldb()
>>> c.run()
```

No output file is created.

```
>>> import gammalib
```

```
>>> import cscripts
>>> c=cscripts.cscaldb()
>>> c.execute()
```

An output file is created!

Hence the output file creation should be removed from the cscripts::execute() method.

#2 - 01/23/2018 09:08 PM - Knödlseder Jürgen

- Status changed from New to Closed

- Assigned To set to Knödlseder Jürgen

- % Done changed from 0 to 100

The output file creation has been removed, and the code was merged into devel.