GammaLib - Bug #2724

Error in csh when sourcing gammalib-init.csh and ctools-init.csh

11/08/2018 11:23 AM - Specovius Andreas

Status:	Closed	**Start date:**	11/08/2018
Priority:	High	**Due date:**	
Assigned To:	Knödlseder Jürgen	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:	1.6.1		

Description

When sourcing gammalib-init.csh and ctools-init.csh for initialising the gammalib/ctools module an error occurs for csh-users.

Obviously the internally sourced ***gammalib-setup*** and ***ctools-setup*** scripts are not coded appropriately for the csh.

This error arose from the modifications done in issue #2420 when the following line was removed:
#! /bin/sh

Related issues:

Related to GammaLib - Bug # 2420: Fix MANPATH on Mac OS X	**Closed**	**03/26/2018**

History

#1 - 11/08/2018 11:24 AM - Specovius Andreas

- Related to Bug #2420: Fix MANPATH on Mac OS X added

#2 - 06/05/2019 03:44 AM - Knödlseder Jürgen

- Priority changed from Normal to High

Pat Romano encountered the same issue for the new release 1.6:

I'm having issues with the new 1.6.0 installation. I dowloaded the dmg
and unpacked it. When I initialize it with

setenv GAMMALIB /usr/local/gamma
source $GAMMALIB/bin/gammalib-init.csh

I get:

this_script=gammalib-setup: Command not found.
Bad : modifier in $ (').

I checked the old (v1.5.2) gammalib-init.csh
and it's the very same (with diff and substituting).

I get the same error when I initialize CTOOLS with
setenv CTOOLS /usr/local/gamma
source $CTOOLS/bin/ctools-init.csh

I'm using A Mac OS 10.10.5 ad had no issues before.
Any suggestions?

Easy solution is to put back

#! /bin/sh

in the first line of

$GAMMALIB/bin/gammalib-setup

```
$CTOOLS/bin/ctools-setup
```

which however will lead to the issues reported in #2420. It needs to be checked whether a solution can be found that solves both issues.

#3 - 06/05/2019 05:01 PM - Knödlseder Jürgen

- Status changed from New to In Progress

- Assigned To set to Knödlseder Jürgen

- % Done changed from 0 to 10

I put back #! /bin/sh in the $GAMMALIB/bin/gammalib-setup file and also removed the setting of the (DY)LD_LIBRARY_PATH environment variables.

The release check pipeline test work well, except for the clang31 compiler test that ends with the following error in the

```
make distcheck
```

step

```
Making installcheck in test
make[2]: Entering directory
 `/home/jenkins/jenkins/workspace/gammalib-release-compilers/CONF_GCC/clang31/arch/i386/gammalib-1.6.0/_build/test'
Traceback (most recent call last):
  File "<string>", line 1, in <module>
  File
```

```
    from gammalib.app import *
  File
```

```
    _app = swig_import_helper()
  File
```

```
    _mod = imp.load_module('_app', fp, pathname, description)
ImportError: libgamma.so.7: cannot open shared object file: No such file or directory
*** gammalib unit test failure!
```

Note that this happens in the following code section of the test/Makefile.am file:

```
# Tests to be done on installed version
if WITH_PYTHON
installcheck-local:
    @export GAMMALIB=$(DESTDIR)$(prefix); \
    . $(DESTDIR)$(prefix)/bin/gammalib-init.sh; \
    python -c 'import gammalib; gammalib.test()'; \
    if test "x$$?" != "x0"; then \
        echo "*** gammalib unit test failure!"; \
        exit 1; \
    fi
endif
```

#4 - 06/11/2019 08:25 PM - Knödlseder Jürgen

- Status changed from In Progress to Closed

- Target version set to 1.6.1

- % Done changed from 10 to 100

The change was merged into the 1.6.1 release and also in the devel branch.