

ctools - Bug #1462

configure fails if cfitsio library is not found

05/19/2015 04:10 PM - Knödlseider Jürgen

<b>Status:</b>	New	<b>Start date:</b>	05/19/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>Lili Yang had a problem with compiling ctools after a successful gammalib compilation.</p> <p>There was no problem with install of gammalib. However, when I tried to ./configure ctools, there is an error,</p> <p>configure: error: The GammaLib library has been built with openMP support but OpenMP is not available on this system. Please install OpenMP or re-build GammaLib without OpenMP support.</p> <p>So I tried to recompile gammalib with disable-openmp, ./configure --disable-openmp --prefix=/grid/software/CTA/gamma</p> <p>But still the same error came out when configuring ctools as before. I notice there was a bug two year ago <a href="https://cta-redmine.irap.omp.eu/issues/552">https://cta-redmine.irap.omp.eu/issues/552</a>. It should have been fixed. Could you please help with this? Thanks a lot.</p> <p>Following up on that it turned out that the problem was related to not finding cfitsio:</p> <p>configure:17031: WARNING: GammaLib not found in any standard path configure:17063: GammaLib found in /grid/software/CTA/gamma/lib and /grid/software/CTA/gamma/include/gammalib. configure:17102: checking whether GammaLib has been compiled with OpenMP configure:17125: g++ -o confest -g -O2 -I/usr/include/python2.6 -I/grid/software/CTA/gamma/include/gammalib -L/grid/software/CTA/gamma/lib confest.cpp -lgamma &gt;&amp;5 /usr/bin/ld: warning: libcfitsio.so.2, needed by /grid/software/CTA/gamma/lib/libgamma.so, not found (try using -rpath or -rpath-link) /grid/software/CTA/gamma/lib/libgamma.so: undefined reference to `ffgdes' /grid/software/CTA/gamma/lib/libgamma.so: undefined reference to `ffukyd' /grid/software/CTA/gamma/lib/libgamma.so: undefined reference to `ffgtcl' /grid/software/CTA/gamma/lib/libgamma.so: undefined reference to `ffgidm'</p>			

History

#1 - 06/02/2015 09:35 PM - Knödlseider Jürgen

- Subject changed from configure fails is cfitsio library is not found to configure fails if cfitsio library is not found

#2 - 06/03/2015 01:56 PM - Knödlseider Jürgen

Adding the folder where cfitsio resides to the LD\_LIBRARY\_PATH solved the problem