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Subject: TPC: Problem in CMakeList.txt (r 11638)  
Posted by [Mohammad Al-Turany](#) on Wed, 20 Apr 2011 07:13:20 GMT  
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Hi,

after updating svn I have the error:

Quote:CMake Error: Error in cmake code at  
/home/turany/fairsoft\_jan11/pandaroot/tpc/CMakeLists.txt:234:  
Parse error. Function missing ending ")". Instead found left paren with text "(".

```
....  
-- Configuring done  
make: *** [cmake_check_build_system] Error 1
```

the problem comes from the new part which should check for the GL libraries.

```
Quote:If(NOT (TEvePath AND OPENGL_FOUND AND OPENGL_GLU_FOUND))  
##### install without TpcEve #####  
  install(TARGETS Tpc TpcBase DESTINATION ${CMAKE_BINARY_DIR}/lib)  
EndIf(NOT (TEvePath AND OPENGL_FOUND AND OPENGL_GLU_FOUND))
```

instead of this you can use ELSE. i.e:

```
Quote:  
If(TEvePath AND OPENGL_FOUND AND OPENGL_GLU_FOUND)  
  Message("Found TEve, OpenGL and OpenGL GLU so PndTpcClustVis will be compiled.")  
  
  SET(TPC_EVE_SOURCES  
    TestBench/PndTpcClustVis.cxx  
  )  
  
  CHANGE_FILE_EXTENSION(*.cxx *.h TPC_EVE_HEADERS "${TPC_EVE_SOURCES}")  
  
  set(TPC_EVE_LINKDEF tpcEveLinkDef.h)  
  
  set(TPC_EVE_DICTIONARY ${CMAKE_CURRENT_BINARY_DIR}/tpcEveDict.cxx)  
  
  ROOT_GENERATE_DICTIONARY("${TPC_EVE_HEADERS}" "${TPC_EVE_LINKDEF}"  
"${TPC_EVE_DICTIONARY}" "${INCLUDE_DIRECTORIES}")  
  
  SET(TPC_EVE_SOURCES ${TPC_EVE_SOURCES} ${TPC_EVE_DICTIONARY})  
  
  add_library(TpcEve SHARED ${TPC_EVE_SOURCES})  
  target_link_libraries(TpcEve ${ROOT_LIBRARIES})
```

```
set_target_properties(TpcEve PROPERTIES ${FAIRROOT_LIBRARY_PROPERTIES})
```

```
##### install with TpcEve #####
```

```
install(TARGETS Tpc TpcBase TpcEve DESTINATION ${CMAKE_BINARY_DIR}/lib)
```

```
Else(TEvePath AND OPENGL_FOUND AND OPENGL_GLU_FOUND)
```

```
install(TARGETS Tpc TpcBase DESTINATION ${CMAKE_BINARY_DIR}/lib)
```

```
EndIf (TEvePath AND OPENGL_FOUND AND OPENGL_GLU_FOUND)
```

can you please correct this?

regards,

Mohammad

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Subject: Re: TPC: Problem in CMakeList.txt (r 11638)

Posted by [Johannes Rauch](#) on Wed, 20 Apr 2011 08:31:16 GMT

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Hi Mohammad,

I changed this, thanks for the hint!

regards,

Johannes