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Subject: FairSoft Installation Mac OS 11.6.2

Posted by [Andrea Lagni](#) on Mon, 10 Jan 2022 15:05:11 GMT

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Good afternoon,

I'm trying to install FairSoft apr21p1 on my Mac with Mac OS Big Sur 11.6.2.

I used the installation from source procedure described here:

<https://github.com/FairRootGroup/FairSoft/blob/nov20/legacy/README.md> .

I put below the error in the installation of FairSoft.

Is Mac OS 11.6 supported by FairSoft?

There is a way to install R3BRoot on this operating system?

Thanks in advance for the help?

Cordially,

Andrea Lagni

```
[i][ 71%] Creating directories for 'odc'
[ 71%] Performing download step (git clone) for 'odc'
-- odc download command succeeded. See also
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/odc-download-*.log
[ 71%] Performing update step for 'odc'
-- odc update command succeeded. See also
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/odc-update-*.log
[ 76%] No patch step for 'odc'
[ 76%] Performing configure step for 'odc'
-- odc configure command succeeded. See also
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/odc-configure-*.log
[ 76%] Performing build step for 'odc'
-- odc build command succeeded. See also
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/odc-build-*.log
[ 76%] Performing install step for 'odc'
-- odc install command succeeded. See also
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/odc-install-*.log
[ 76%] Completed 'odc'
[ 76%] Built target odc
CMake Error at /Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Stamp/root/root-build-Re
IWithDebInfo.cmake:37 (message):
  Command failed: 2
```

```
'/Applications/Xcode.app/Contents/Developer/usr/bin/make'
```

See also

```
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/root-build.log
```

```
-- Log output is:
...skipping to end...
```

```

t target G__XMLParser
[ 77%] Building CXX object
math/mathcore/CMakeFiles/MathCore.dir/src/AdaptiveIntegratorMultiDim.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/BasicMinimizer.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/NetErrors.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TApplicationRemote.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/BinData.cxx.o
[ 77%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RCanvas.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/BrentMethods.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TApplicationServer.cxx.o
[ 77%] Building CXX object
math/mathcore/CMakeFiles/MathCore.dir/src/BrentMinimizer1D.cxx.o
[ 77%] Building CXX object
math/mathcore/CMakeFiles/MathCore.dir/src/BrentRootFinder.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TFileStager.cxx.o
[ 77%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RFrame.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/ChebyshevPol.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/DataRange.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TFTP.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/Delaunay2D.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TGrid.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/DistSampler.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TGridJDL.cxx.o
[ 77%] Building CXX object
graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RMenuItems.cxx.o
[ 77%] Building CXX object
math/mathcore/CMakeFiles/MathCore.dir/src/DistSamplerOptions.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TGridJob.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TGridJobStatus.cxx.o
[ 77%] Building CXX object
graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RObjectDrawable.cxx.o
[ 77%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/Factory.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TGridJobStatusList.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TGridResult.cxx.o
[ 77%] Building CXX object net/net/CMakeFiles/Net.dir/src/TMessage.cxx.o
[ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/FitConfig.cxx.o
[ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RColor.cxx.o
[ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TMonitor.cxx.o
[ 78%] Building CXX object
graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RDisplayItem.cxx.o
[ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/FitData.cxx.o
[ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RDrawable.cxx.o
[ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TNetFile.cxx.o
[ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/FitResult.cxx.o
[ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TNetFileStager.cxx.o
[ 78%] Building CXX object
graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RDrawableRequest.cxx.o
[ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TParallelMergingFile.cxx.o
[ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RAttrMap.cxx.o
[ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TPServerSocket.cxx.o
[ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/FitUtil.cxx.o
[ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RAttrBase.cxx.o

```

[ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TPSocket.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSecContext.cxx.o  
 [ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPalette.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TServerSocket.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSocket.cxx.o  
 [ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/Fitter.cxx.o  
 [ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RStyle.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLColumnInfo.cxx.o  
 [ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPadBase.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLMonitoring.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/GaussIntegrator.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLResult.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLRow.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/GaussLegendreIntegrator.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLServer.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/GenAlgoOptions.cxx.o  
 [ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPad.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLStatement.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSQLTableInfo.cxx.o  
 [ 78%] Building CXX object  
 graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPadExtent.cxx.o  
 [ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/GoFTest.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TUDPSocket.cxx.o  
 [ 78%] Building CXX object  
 graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPadLength.cxx.o  
 [ 78%] Building CXX object graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPadPos.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TWebFile.cxx.o  
 [ 78%] Building CXX object  
 graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RPadUserAxis.cxx.o  
 [ 78%] Building CXX object math/mathcore/CMakeFiles/MathCore.dir/src/Integrator.cxx.o  
 [ 78%] Building CXX object  
 graf2d/gpadv7/CMakeFiles/ROOTGpadv7.dir/src/RVirtualCanvasPainter.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/IntegratorOptions.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TSSLSocket.cxx.o  
 [ 78%] Linking CXX shared library ../lib/libROOTGpadv7.so  
 [ 78%] Built target ROOTGpadv7  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TS3HTTPRequest.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/MersenneTwisterEngine.cxx.o  
 [ 78%] Building CXX object io/xml/CMakeFiles/XMLIO.dir/src/TBufferXML.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/MinimTransformFunction.cxx.o  
 [ 78%] Building CXX object net/net/CMakeFiles/Net.dir/src/TS3WebFile.cxx.o  
 [ 78%] Building CXX object  
 math/mathcore/CMakeFiles/MathCore.dir/src/MinimizerOptions.cxx.o  
 [ 78%] Linking CXX shared library ../lib/libNet.so  
 [ 78%] Built target Net  
 [ 78%] Building CXX object bindings/tpython/CMakeFiles/ROOTTPython.dir/src/TPyArg.cxx.o

```

[ 78%] Building CXX object
math/mathcore/CMakeFiles/MathCore.dir/src/MinimizerVariableTransformation.cxx.o
[ 78%] Building CXX object
bindings/tpython/CMakeFiles/ROOTTPython.dir/src/TPyClassGenerator.cxx.o
[ 78%] Building CXX object
math/mathcore/CMakeFiles/MathCore.dir/src/MixMaxEngineImpl17.cxx.o
In file included from
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/MixMaxEngineImpl17.cxx:6:
In file included from
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/MixMaxEngineImpl.h:25:
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/mixmax.icc:260:5: error: ISO C++17 does not allow 'register' storage class specifier [-Wregister]
    register myuint o,ph,pl,ah,al;
    ^~~~~~
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/mixmax.icc:260:5: error: ISO C++17 does not allow 'register' storage class specifier [-Wregister]
    register myuint o,ph,pl,ah,al;
    ^~~~~~
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/mixmax.icc:260:5: error: ISO C++17 does not allow 'register' storage class specifier [-Wregister]
    register myuint o,ph,pl,ah,al;
    ^~~~~~
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/mixmax.icc:260:5: error: ISO C++17 does not allow 'register' storage class specifier [-Wregister]
    register myuint o,ph,pl,ah,al;
    ^~~~~~
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/math/mathcore/src/mixmax.icc:260:5: error: ISO C++17 does not allow 'register' storage class specifier [-Wregister]
    register myuint o,ph,pl,ah,al;
    ^~~~~~

```

5 errors generated.

```
make[5]: *** [math/mathcore/CMakeFiles/MathCore.dir/src/MixMaxEngineImpl17.cxx.o] Error 1
```

```
make[4]: *** [math/mathcore/CMakeFiles/MathCore.dir/all] Error 2
```

```
make[4]: *** Waiting for unfinished jobs....
```

```
[ 78%] Building CXX object io/xml/CMakeFiles/XMLIO.dir/src/TKeyXML.cxx.o
```

```
[ 78%] Building CXX object io/xml/CMakeFiles/XMLIO.dir/src/TXMLEngine.cxx.o
```

```
[ 78%] Building CXX object
```

```
bindings/tpython/CMakeFiles/ROOTTPython.dir/src/TPyReturn.cxx.o
```

```
[ 78%] Building CXX object bindings/tpython/CMakeFiles/ROOTTPython.dir/src/TPython.cxx.o
```

```
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Source/root/bindings/tpython/src/TPython.cxx:119:7: warning: 'PyEval_InitThreads' is deprecated [-Wdeprecated-declarations]
```

```
    PyEval_InitThreads();
```

```
    ^
```

```
/opt/homebrew/opt/python@3.9/Frameworks/Python.framework/Versions/3.9/in
```

clude/python3.9/ceval.h:130:1: note: 'PyEval\_InitThreads' has been explicitly marked deprecated here

```
Py_DEPRECATED(3.9) PyAPI_FUNC(void) PyEval_InitThreads(void);
```

^

```
/opt/homebrew/opt/python@3.9/Frameworks/Python.framework/Versions/3.9/in  
clude/python3.9/pyport.h:508:54: note: expanded from macro 'Py_DEPRECATED'  
#define Py_DEPRECATED(VERSION_UNUSED) __attribute__((__deprecated__))
```

^

```
[ 78%] Building CXX object io/xml/CMakeFiles/XMLIO.dir/src/TXMLFile.cxx.o  
1 warning generated.
```

```
[ 78%] Linking CXX shared library ../../lib/libROOTTPython.so
```

```
[ 78%] Built target ROOTTPython
```

```
[ 78%] Building CXX object io/xml/CMakeFiles/XMLIO.dir/src/TXMLPlayer.cxx.o
```

```
[ 78%] Building CXX object io/xml/CMakeFiles/XMLIO.dir/src/TXMLSetup.cxx.o
```

```
[ 78%] Linking CXX shared library ../../lib/libXMLIO.so
```

```
[ 78%] Built target XMLIO
```

```
make[3]: *** [all] Error 2
```

```
CMake Error at /Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Stamp/root/root-build-  
ReIWithDebInfo.cmake:47 (message):
```

```
Stopping after outputting logs.
```

```
make[2]: *** [Stamp/root/root-build] Error 1
```

```
make[1]: *** [CMakeFiles/root.dir/all] Error 2
```

```
make[1]: *** Waiting for unfinished jobs....
```

```
-- geant4 build command succeeded. See also
```

```
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/geant4-build-*.log
```

```
[ 76%] Performing install step for 'geant4'
```

```
-- geant4 install command succeeded. See also
```

```
/Users/al268379/R3BRoot_AL/FairSoft/build_apr21/Log/geant4-install-*.log
```

```
[ 76%] Completed 'geant4'
```

```
[ 76%] Built target geant4
```

```
make: *** [all] Error 2
```