

NOvA Data Quality Monitoring - Support #3523

X11 on datamon

02/23/2013 04:21 PM - Michael Baird

Status:	Resolved	Start date:	02/23/2013
Priority:	Normal	Due date:	
Assignee:	Andrew Norman	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
I am still not able to compile the event display on novadaq-far-datamon with the error message:			
<pre>< **compiling**> RootEnv.cxx In file included from /online_monitor/offline/releases/development/EventDisplayBase/RootEnv.cxx:19:0: /online_monitor/externals/root/v5_34_01a/Linux64bit+2.6-2.12-nu-e2-debug/include/TGX11.h:31:22: fatal error: X11/Xlib.h: No such file or directory compilation terminated.</pre>			
Looking in the directory /usr/include, I see that curl is there but X11 is not. Can we get X11 installed on datamon as well?			

History

#1 - 02/23/2013 04:44 PM - Michael Baird

- Tracker changed from Bug to Support

#2 - 02/25/2013 09:45 AM - Andrew Norman

I installed the Desktop Platform Development group using:

```
yum groupinstall "Desktop Platform Development"
```

This appears to have installed an extra set of include files. Specifically I now see in /usr/include/X11/ the following:

```
[root@novadaq-far-datamon anorman]# ls /usr/include/X11
ap_keysym.h  CreateI.h  ICE  ObjectP.h  ShellI.h  VendorP.h  XF86keysym.h  Xlib-xcb.h  Xr
egion.h
CallbackI.h  cursorfont.h  ImUtil.h  PassivGraI.h  ShellP.h  Xalloca.h  Xft  Xlocale.h  Xr
esource.h
Composite.h  DECKeySym.h  InitialI.h  PM  SM  Xarch.h  Xfuncproto.h  Xmd.h  Xt
hread.h
CompositeP.h  dri  Intrinsic.h  RectObj.h  StringDefs.h  Xatom.h  Xfuncs.h  Xosdefs.h  Xt
os.h
ConstrainP.h  EventI.h  IntrinsicI.h  RectObjP.h  SunkeySym.h  Xauth.h  X.h  Xos.h  Xu
til.h
Constraint.h  extensions  IntrinsicP.h  ResConfigP.h  ThreadsI.h  Xcms.h  XKBLib.h  Xos_r.h  Xw
32defs.h
ConvertI.h  fonts  keySymDef.h  ResourceI.h  TranslateI.h  Xcursor  XlibConf.h  Xpoll.h  XW
DFile.h
Core.h  HookObjI.h  keySym.h  SelectionI.h  VarargsI.h  Xdefs.h  Xlib.h  Xproto.h  Xw
indows.h
CoreP.h  HPkeySym.h  Object.h  Shell.h  Vendor.h  Xdmcp.h  Xlibint.h  Xprotostr.h  Xw
insock.h
```

This should fix your compilation problems.

#3 - 02/25/2013 09:46 AM - Andrew Norman

- Status changed from New to Resolved

- % Done changed from 0 to 100

This should be fixed now that I installed those extra headers.

#4 - 02/25/2013 01:00 PM - Andrew Norman

Not fixed.

Also need libxpm-devel apparently.

```
yum install libXpm-devel
```