

## Silo - Bug # 394: silex is not installed right for Silo 4.8

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	Brad Whitlock	<b>Category:</b>	
<b>Created:</b>	09/17/2010	<b>Assigned to:</b>	
<b>Updated:</b>	09/17/2010	<b>Due date:</b>	
<b>Likelihood:</b>	3 - Occasional		
<b>Severity:</b>	3 - Major Irritation		
<b>Silo Found in Version:</b>	trunk		
<b>OS:</b>	All		
<b>Support Group:</b>	Any		
<b>Subject:</b>	silex is not installed right for Silo 4.8		
<b>Description:</b>	<p>I tried running silex on alastor from Silo 4.8 and it didn't work because libsilo5.so was not found. I noticed that libsilo5.so is installed in a libso directory instead of in a lib directory. If I had to guess, I'd say it was built so it linked with a libsilo5.so in lib but then things were installed differently, breaking the rpath used to find libsilo5.so. I also noticed that Silo 4.7.2's silex appeared to link against a static Silo library so it did not have any problems. Bottom line: silex doesn't work without setting the LD_LIBRARY_PATH. I also noticed that various \$SYS_TYPE symlinks were missing.</p> <pre>alastor1{whitlocb}40: ldd /usr/gapps/silo/4.8/chaos_4_x86_64/bin/silex libsilo5.so =&gt; not found libQtGui.so.4          =&gt;          /usr/gapps/visit/qt/4.4.3/chaos_4_x86_64_gcc_4.1.2/lib/libQtGui.so.4 (0x00002aaaaacc8000) libpng12.so.0 =&gt; /usr/lib64/libpng12.so.0 (0x00002aaaab7c5000) libSM.so.6 =&gt; /usr/lib64/libSM.so.6 (0x00002aaaab9ea000) libICE.so.6 =&gt; /usr/lib64/libICE.so.6 (0x00002aaaabfb4000) libQtCore.so.4        =&gt;          /usr/gapps/visit/qt/4.4.3/chaos_4_x86_64_gcc_4.1.2/lib/libQtCore.so.4 (0x00002aaaabe0f000) libgthread-2.0.so.0 =&gt; /lib64/libgthread-2.0.so.0 (0x00002aaaac23b000) libglib-2.0.so.0 =&gt; /lib64/libglib-2.0.so.0 (0x00002aaaac43f000) librt.so.1 =&gt; /lib64/librt.so.1 (0x00002aaaac6dd000) libpthread.so.0 =&gt; /lib64/libpthread.so.0 (0x00002aaaac8e7000) libXi.so.6 =&gt; /usr/lib64/libXi.so.6 (0x00002aaaacb02000) libXrender.so.1 =&gt; /usr/lib64/libXrender.so.1 (0x00002aaaacd0a000) libXrandr.so.2 =&gt; /usr/lib64/libXrandr.so.2 (0x00002aaaacf14000) libfreetype.so.6 =&gt; /usr/lib64/libfreetype.so.6 (0x00002aaaad117000) libfontconfig.so.1 =&gt; /usr/lib64/libfontconfig.so.1 (0x00002aaaad39b000) libXext.so.6 =&gt; /usr/lib64/libXext.so.6 (0x00002aaaad5d0000) libX11.so.6 =&gt; /usr/lib64/libX11.so.6 (0x00002aaaad7e1000) libdl.so.2 =&gt; /lib64/libdl.so.2 (0x00002aaaadaed000) libz.so.1 =&gt; /usr/lib64/libz.so.1 (0x00002aaaadcf2000) libsz.so.2 =&gt; /usr/gapps/silo/szip/2.1/chaos_4_x86_64/lib/libsz.so.2 (0x00002aaaadf06000) libstdc++.so.6 =&gt; /usr/lib64/libstdc++.so.6 (0x00002aaaae119000) libm.so.6 =&gt; /lib64/libm.so.6 (0x00002aaaae41a000) libgcc_s.so.1 =&gt; /lib64/libgcc_s.so.1 (0x00002aaaae69d000) libc.so.6 =&gt; /lib64/libc.so.6 (0x00002aaaae8ab000) /lib64/ld-linux-x86-64.so.2 (0x00002aaaaaab0000) libexpat.so.0 =&gt; /lib64/libexpat.so.0 (0x00002aaaaec03000) libXau.so.6 =&gt; /usr/lib64/libXau.so.6 (0x00002aaaae250000) libXdmpc.so.6 =&gt; /usr/lib64/libXdmpc.so.6 (0x00002aaaaf028000)</pre>		

### History

**09/17/2010 02:38 pm - Mark Miller**

I've fixed this for chaos installs. There is still a problem with aix installs.

Also, the tools should really be linked with libsilox.so and not libsiloh5.so.