

libvir-list

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[libvirt] MinGW environment for libvirt (at this moment))

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Hi,

This is a current memo for building MinGW environment for libvirt.
(up to run src/.libs/virsh.exe)
Of course this Windows path is opened by Rich.
this is another way to build this.

Ref.

<http://www.redhat.com/archives/libvir-list/2008-January/msg00017.html>

Compares to Rich one, 2 different point exists
1)GCC version is keeps 3.x not 4.x.
2)libxml2 is using GTK one.

Any suggestions are welcome.
Since I want to simplify this complicated procedure.

- 1.Install MinGW-5.1.4.exe
- 2.Install MSYS-1.0.11-2004.04.30-1.exe
- 3.Install msysDTK-1.0.1.exe
Above files are taken from following
http://sourceforge.net/project/showfiles.php?group_id=2435
- 4.Install gtk-dev-2.12.9-win32-2.exe
(This is for using pkg-config/gettext/libxml2)

Taken from

<http://gladewin32.sourceforge.net/>

- 5.expand m4-1.4.7-MSYS.tar.bz2 from root directory
(we need 1.4.5 or later but msysDTK installs 1.4)

Taken from

http://sourceforge.net/project/showfiles.php?group_id=2435

- 6.Install autoconf-2.62.tar.gz

```
./configure --prefix=/usr  
make  
make install
```

Taken from

<http://www.gnu.org/software/autoconf/>

- 7.Install automake-1.10.1.tar.gz

```
./configure --prefix=/usr  
make  
make install  
(create /usr/share/aclocal-1.10)
```

Taken from

<http://www.gnu.org/software/automake/>

- 8.Install libtool-1.5.18.tar.gz

```
./configure --prefix=/usr  
make  
make install
```

Taken from

<http://www.gnu.org/software/libtool/>

- 9.Add m4 script for aclocal

```
cp /mingw/lib/GTK/share/aclocal/* /usr/share/aclocal  
(This is for running autogen.sh)
```

- 10..Install GNUTLS

```
expand gnutls-2.3.13.exe to c:\msys\1.0  
(it goes to /usr)(This is for /usr/share/aclocal)  
cp -r /usr/include/gnutls /mingw/include  
cp /usr/lib/libgnutls* /mingw/lib  
cp /usr/lib/libgpg-error* /mingw/lib  
cp /usr/lib/libgcrypt* /mingw/lib  
cp /usr/lib/tasn1.* /mingw/lib  
rewrite dependency_libs on /mingw/lib/libgnutls.la  
from /home/jas/gnutls4win/inst to /mingw
```

Taken from

<http://josefsson.org/gnutls4win/>

- 11.expand xdr

```
Install xdr-4.0-mingw5.tar.gz(see Rich Page)  
rpc => /mingw/include  
lib*.a => /mingw/lib
```

<http://www.annexia.org/tmp/xdr-4.0-mingw5.tar.gz>

- 12.get libvirt code from CVS repository

```
comment out siginfo_t  
(currently this problem is assigned to me)  
ftp://libvirt.org/libvirt/
```

- 13.create virsh

```
./autogen.sh (tgz file lacks this. you should get CVS repository)  
./configure --without-xen --without-qemu --without-sasl --without-libvirt  
make
```

(Ignore compile stops at testutils.c)
(this problem is also assigned to me.)

14.execute src/.libs/virsh.exe

Thanks
Atsushi SAKAI

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Libvir-list mailing list
Libvir-list@redhat.com
<https://www.redhat.com/mailman/listinfo/libvir-list>



- [libvirt] MinGW environment for libvirt (at this moment)) Atsushi SAKAI
 - [Re: \[libvirt\] MinGW environment for libvirt \(at this moment\)\)](#) Richard W.M. Jones
 - [Re: \[libvirt\] MinGW environment for libvirt \(at this moment\)\)](#) Atsushi SAKAI
 - [Re: \[libvirt\] MinGW environment for libvirt \(at this moment\)\)](#) Atsushi SAKAI
 - [Re: \[libvirt\] MinGW environment for libvirt \(at this moment\)\)](#) Daniel Veillard

- [Re: \[libvirt\] MinGW environment for libvirt \(at this moment\)\)](#) Atsushi SAKAI

- Reply via email to

Atsushi SAKAI