

Developer Information

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1. CVS

The module 'nmedit' contains the code currently being developed. Instructions on how to access CVS can be found at [the SF CVS page](#).

2. Build dependencies

- A C++ compiler
- TCL 8.x
- Flex
- Bison
- SWIG
- SCons

3. Build with SCons

To build everything recursively:

```
./sconsbuild.sh
```

The parameter PREFIX can be used to set the installation path.

```
./sconsbuild.sh PREFIX=/usr
```

To install all software:

```
./sconsbuild.sh install
```

To clean all build directories:

```
./sconsbuild.sh -c
```

The same command line parameters work with scons directly if you want to build each library and program separately.

```
cd libs/libppf  
scons install
```

4. NetMidi Server for Windows

NetMidi is a simple MIDI over TCP/IP protocol. The NETMIDI driver in libnmProtocol needs a running NetMidi server to be able to communicate with the NM.

Jan Punter has written a NetMidi server for Windows which is available at

<http://www.iaf.nl/Users/BlueHell/prot/netmidi.zip>.

To download patches in Windows, configure and start the NetMidi server. Then run patchloader.exe from a dos prompt.

```
patchloader.exe -d NETMIDI -i localhost:1024 Bahia.pch
```

5. Web site

The website is stored in the CVS module 'website2' (the older website is stored in module 'website'). The [Forrest framework](#) is used to manage the site.

Note:

Forrest version 0.8 or later is required to build the site.

After checking out the site, make sure you have the skin installed, then run a forrest bot to check the site locally.

```
forrest install-skin  
forrest run
```

After that the site can be build and uploaded with a command such as (change login name 'wirez' to your own):

```
forrest  
scp -r build/site/* wirez@shell.sf.net:/home/groups/n/nm/nmedit/htdocs/
```