

Vaucanson, a generic library for finite state machines. Copyright (C) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 The Vaucanson Group.

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The Vaucanson Group consists of people listed in the 'AUTHORS' file.

## Vaucanson Frequently Asked Questions

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Here are answers to different questions you may have while compiling or using [Vaucanson](#).

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## Compilation Problems

### **I have a "NAN undeclared" error. What can I do?**

Your C++ compiler does not support the C99 standard library. This is a known bug (NAN should not be used without checking for its existence before) and will be corrected. Meanwhile, use another compiler, such as the [GNU Compiler Collection](#) version 3.3 or above.

### **I have a conflit declaration for `int getopt()`.**

The flag `HAVE_DECL_GETOPT` must be set. Compile with `-DHAVE_DECL_GETOPT`. To use this flag with the script `configure`, call it with:

```
configure CPPFLAGS='-DHAVE_DECL_GETOPT'
```

## Usage issues

### **How can I choose a specific graph implementation?**

The flag `VCSN_DEFAULT_GRAPH_IMPL` can be set to the chosen implementation. To use this flag with the script `configure`, call it with:

```
configure CPPFLAGS='-DVCSN_DEFAULT_GRAPH_IMPL=bmig'
```