Vaucanson Frequently Asked Questions

Date: March 2006

Here are answers to different questions you may have while compiling or using Vaucanson.

Contents

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'
```