The Cygwin distribution
Caia under Windows

For those of you, who don't want to install Linux on your computer, it is possible to install and use Cygwin.

Cygwin emulates Linux and starts up with the bash terminal shell. This makes it possible to compile and link GNU sources in the same way as under Linux. You can use the same makefiles and it produces, of course, Windows executables. Some knowledge about Linux is necessary!

For more information and downloads, please see: www.cygwin.com.

What is Cygwin needed for?

Well, for the players, referee and manager it actually doesn't matter. They can be compiled and linked in the normal way: C source can be build with DJGPP or DEV C++, Pascal source with Freepascal. However, the caiaio must be created with Cygwin in order to let things work properly.

Which version of Cygwin do I need?

We have precompiled and linked our executables with *cygwin1.dll* file version 1005.25.0.0. That one was included in the distribution of 29 December 2007. Make sure you use an update of Cygwin which is the same or newer.

How to install Caia?

In exactly the same way as in the Linux distribution:

- tar –xzf caia_<namegame>_cygwin.tar.gz
- caia_install_<namegame>/install_game.sh <namegame>

Differences

The Cygwin distribution is almost the same as the Linux distribution. The differences are:

- The executables are compiled and linked for Windows.
- The names of the executables need to have *.exe* as a suffix
- The time measurements are less accurate under Cygwin. Whereas under Linux time is measured in microseconds, under Cygwin it is accurate up to 55 milliseconds.
- Pascal players will not run nicely in debug mode, but nevertheless they will work!

For the latest information and updates, please see: www.codecup.nl.