42minjoy

This small version of Joy is claimed to be almost free of bugs.

Even so, there can be some surprises.

The reason for maintaining this version of Joy is that it is an order of magnitude smaller than the full version.

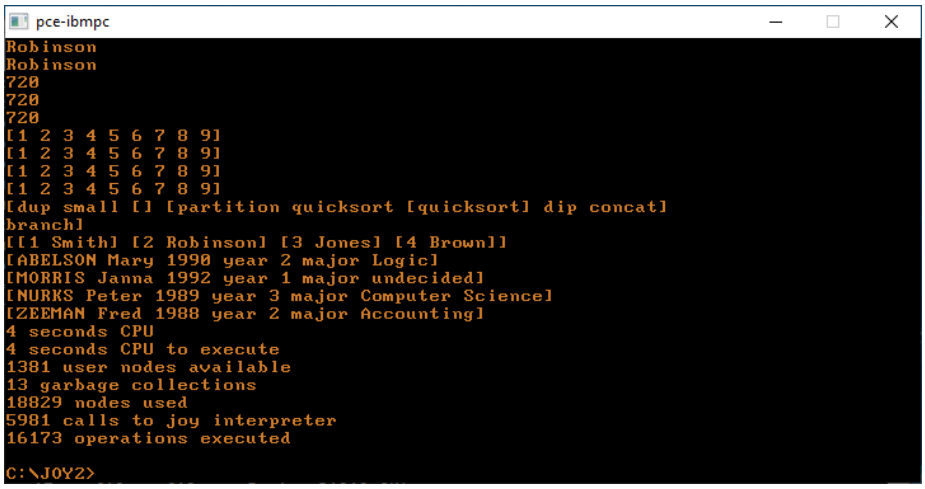
And it has some features that are not present in full Joy, such as scantime expression evaluation.

Retro

This version lends itself to be implemented on old machines, precisely because it is small. It so happened that one of the environments comes with an K&R C compiler, so that is why the sources needed to be changed. Modern compilers can still handle K&R.

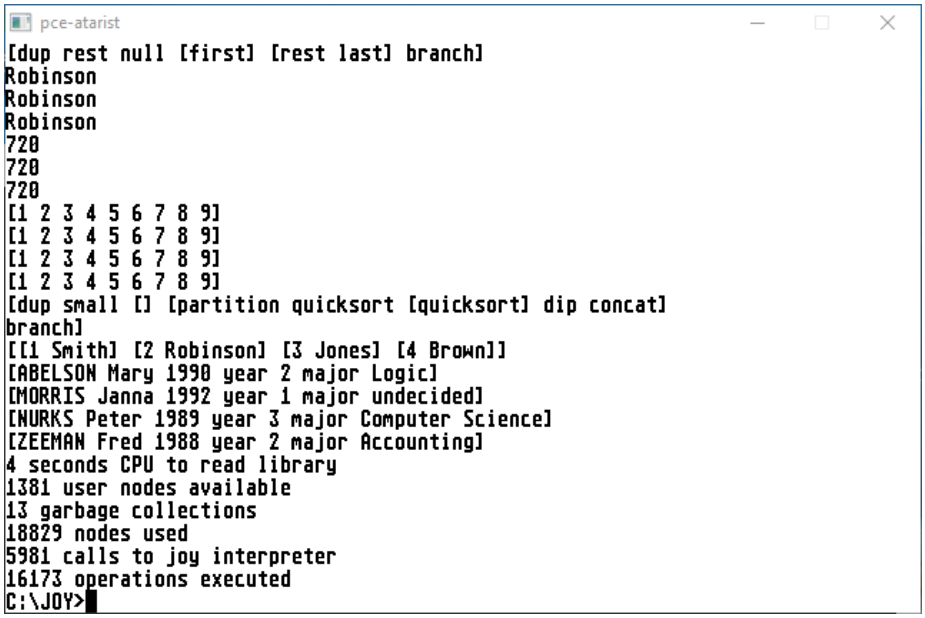
MS-DOS 3.3

The first example runs MS-DOS 3.3 on a PC.



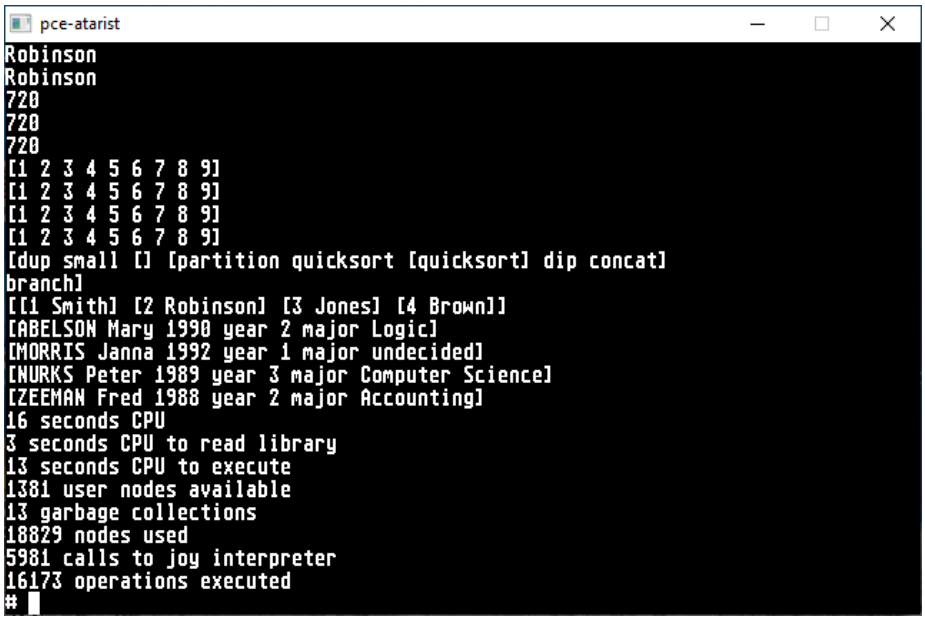
TOS 1.04

The second example runs TOS 1.04 on an Atari ST.



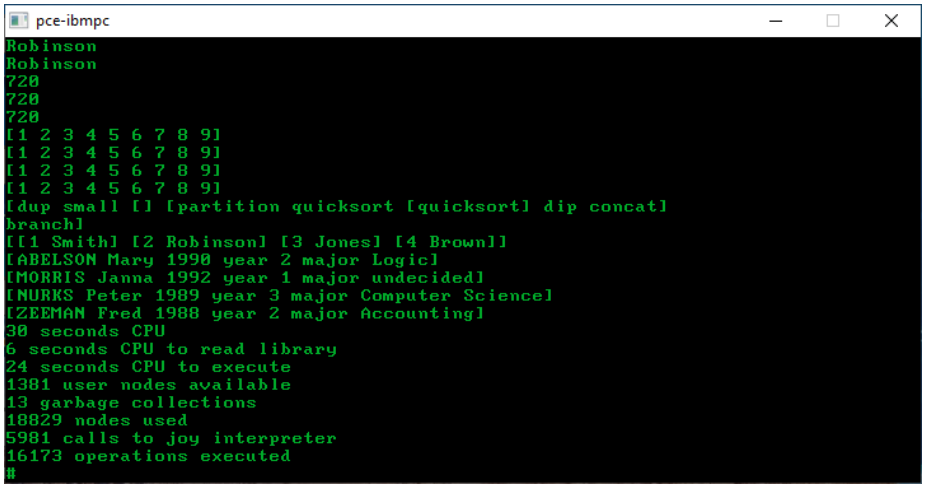
Minix 1.5

The third example runs Minix 1.5 on an Atari ST. It is this environment that uses a K&R C compiler.



Minix 2.02

The fourth example runs Minix 2.02 on a PC. This is the last version of Minix that can be run on an original 8088 machine.



Comments

Compiling on old machines shows that the software is portable.

Speed of execution is irrelevant.