First, make sure that your environment variable PATH contains /home/iclamp/soft/bin which is the path where the command abc is available. The user guide of ABC is available on the page http://lamp.epfl.ch/~sbriais/abc/abc.html.

## Scheduler (size 2) in ABC

On the course page, pick the file scheduler2.abc and complete it.

- First define the wrong implementation of the scheduler;
- Then, complete the specification of the scheduler;
- Check with the help of the command weed if the two systems are equivalent (they should not be).
- With the help of the command step, try to see where the implementation does not work properly.
- Fix the problem in the implementation.
- Check again if the implementation and the specification are equivalent.

## Modeling a problem in $\pi$

You should have received a problem named Modeling a problem in  $\pi$ .

On the course page, pick the file enigme\_pi.abc.

Today, we will do the CCS part of this problem and if time permits begin the  $\pi$  part of it.

For the CCS part, do the questions in the following order: 1, 2, 3.1, 3.3 (but ignore the definition of One and Two), 3.4.1, 3.4.2.

If time permits, begin the  $\pi$  part by doing the questions in the following order: 1, 2, 3.2, 3.3, 3.4.1, 3.4.2, 3.4.3, 3.4.2.