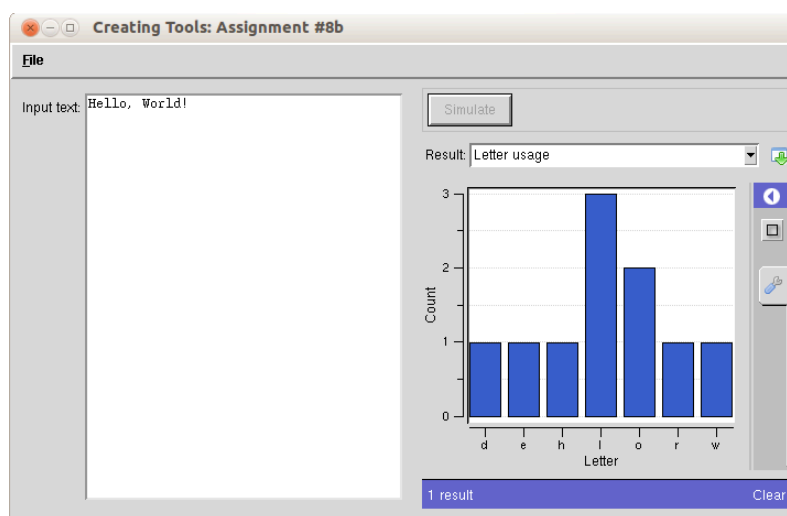


Assignment #9b

Create a Rappture interface for your Fortran program

In Assignment #9a, we finally got the `letters` program to work. Now, let's create a Rappture interface for the program so that other people can run it more easily.

- 1) Use the Rappture Builder to define the interface for the tool. It should look something like this:



- 2) Generate a Makefile and a skeleton program in Fortran.
- 3) Edit the skeleton program and insert the core of your program from `letters.f`, and then connect the inputs and the outputs of your program to the Rappture controls.
- 4) Compile and test your program. Try "Hello, world!" and a few other strings. Does it count the letters correctly?
- 5) *Extra Credit:* Add a number output to report the number of words in the input string.

Lessons Learned:

- The interface for this tool is identical to the interface for Assignment #8b. You can start with the same `tool.xml` file, but you have to change the programming language defined in the Tool section.