

Joyful hacking with session types*

BETTY Summer School 2016
27th June–1st July 2016, Limassol, Cyprus

Vasco T. Vasconcelos

June 28, 2016

This will be an hands-on session. Attendees will be in a better position to follow the tutorial if they read the online tutorial[↗] first. For more advanced examples, see the Examples tab in the online tutorial.

To play with SePi[↗]—Sessions on Pi—I see three possibilities:

1. Use the webservice that comes with the online tutorial[↗]. Type the code in the box at the right of the screen. Press the Run button. Observe the result, which can be of two kinds: a) compilation error, or b) the output of a successfully compiled program.

Pros No installation required; just point your browser and go;

Cons No typical IDE support, no output for divergent programs (the web service times out after a while without producing any output).

2. Use Eclipse. Install the plugin as described in Download and Installation[↗] section of the SePi site. Write your first eclipse project as per instructions.

Pros Negate Cons above;

Cons It takes 60 seconds to get you going.

3. Use the command line. Download `sepi.jar`[↗]. Run the interpreter on you favourite program. See the bottom of page Download and Installation[↗].

Pros & Cons Those typical of a command line tool.

If you run into problems, don't hesitate to contact me, Vasco Vasconcelos `vmvasconcelos@ciencias.ulisboa.pt`, or Juliana Franco `j.vicente-franco@imperial.ac.uk`, the developer and maintainer of the compiler.

*Title taken from a series of courses on mobile processes Kohei Honda (1959–2012) delivered in Lisbon in February 1997.