Use the command Eprouvette in a terminal to launch the simulator. The command will read the data stored in file Input.xml and generate a file names Result.csv. The format of Input.xml file is described below. The Result.csv file contains the temperature in each radial layer as a function of depth and time.

<TimeControl>
This tag contains three values :
- The total simulation time (h)
- The numerical time step (s)
- The time interval for saving results (h)

<Radius>
This tag contains the number of radial layers followed by the radial thickness of each layer in meters.

<Height>
This tag contains the number of layers followed by the thickness of each layer in meters.

<ThermalConductivity>
This tag contains the thermal conductivity of each layer in W m^{-1} K^{-1}.

<InterfaceThermalConductivity>
This tag contains the thermal conductivity at the upper interface of each layer in W m^{-2} K^{-1}.

<VolumetricHeatCapacity>
This tag contains the volumetric heat capacity of each layer in J m^{-3} K^{-1}.

<InitialTemperature>
This tag contains the initial temperature of each layer in K^{-1}.

<FrontBoundaryCondition>
This tag contains the type of front boundary condition (1 for temperature imposed and 2 for flux imposed) followed by the name of the file containing the boundary condition values. The boundary condition values file is a csv file where the first column is the time in hour and the other columns are the values imposed for each radial layer. These values are in K when temperature is imposed as boundary condition and in W m^{-2} when flux is imposed.

<BackBoundaryCondition>
Idem as FrontBoundaryCondition.

<RadialBoundaryConditionValueOfFlux>
This tag contains the name of the file containing the boundary condition values. The boundary condition values file is a csv file where the first column is the time in hour and the other columns are the values of the flux imposed for each layer. These values are in W m^{-2}.