Functionality:

SWMC+ is a ProM plugin dedicated to scientific workflow mining, which improves its former version SWMC in two aspects: 1) Relying on a weaker (more relaxed) notion of log completeness (i.e., transitive-precedence completeness); 2) Supporting privacy preservation for inter-cloud scientific workflow mining.

The input of SWMC+ can be a private event log of scientific workflows, or a reduced event log. The output of SWMC+ is a scientific workflow, or a workflow protocol when the input is a reduced event log.

Usage:

Please follow the steps below to use the plug-in "SWMC+.jar ":

1. Put the SWMC+.jar File and the directory "extraLib" into the ProM project, and then add all these jar file to the build path (cf. picture g1.png).

2. Run the ProM project and you can search the "SWMC+" plugin-in (cf. g2.png).

Note: You can use the log file in the "demo" as the input to experience SWMC+.