

LTSE

File Edit Help About

Filter

Refinement

Upload File

Upload File

Action Mode

Call Mode

Enter / Exit Mode

Termination Mode

List of Logs

Specification

Upload File

Upload File

Panel

List of Logs is mandatory: The only available in the beginning

Panel contains the output of the console

Only one action is available per time

Hover -> tooltips

2. Run

```
java -jar ltse.jar [<filterFile>] [<refinementFile>] [<actionMode>] <list-of-logs> [<specFile>]
```

where:

- <filterFile>: Name of ".flt" file containing the names of actions to be included in the model (one name per line) - OPTIONAL, default is all actions included
- <refinementFile>: Name of ".ref" file containing the names of attributes to be included in context information (one name per line) - OPTIONAL, default is no attributes
- <actionMode>: Determines how actions related to method calls/execution are represented and interpreted (OPTIONAL, default is call mode):
 - c (call mode): action name "m" represents the call of the corresponding method m (i.e., before its execution);
 - t (termination mode): action name "m" represents the termination of the corresponding method m (i.e., after its execution);
 - e (enter/exit mode): action name "m.enter" represents the beginning of the execution of corresponding method m, whereas "m.exit" represents the end of the execution;
- <list-of-logs>: List of names of ".log" files containing each one execution trace with context information
- <specFile>: Specification to be included in the model file in one of the formats allowed by the LTSA tool (automaton property or LTL/FLTL formula)

It is recommended that the outputs of the LTSE tool (sent to the standard error output) be redirected to a result file.

Correct execution should produce 3 files:

- A ".mdl" file containing the textual description of the generated model;
- A ".ctb" file containing a description of the context table created during the process;
- A ".lts" file containing the LTS model in the format input of the LTSA tool