

FSM abstraction synthesis applications for FSM with timeouts

The application works with .fsm files (More information on the link <http://www.fsmtestonline.ru/>). An example of an FSM with timeouts in the .fsm format is in the repository (file 0.fsm). Unlike the classical FSM, it contains 3-tuples in the form “s1 t s2”, where

- s1 is a starting state,
- t is timeout value,
- s2 is an end state.

The application has a single parameter with the name of the timed FSM file.

The application returns the result as a .fsm file which is created in the same directory as the input file. The file with abstraction contains a postfix “Abs” in the filename.

Example of running an application:

```
fsm_abs.exe D:\0.fsm
```

where

- file 0.fsm contains FSM with timeouts
- FSM abstraction file 0Abs.fsm is created in D:\ .