```
- MODULE Trace -
CONSTANT Module
CONSTANT InitState
Constant NextState
Init \triangleq
   Let IOUtils \triangleq INSTANCE IOUtils
      LET ret \stackrel{\triangle}{=} IOUtils!IOExecTemplate(\langle "rm", "%s.log" \rangle, \langle Module \rangle)
      IN TRUE
Log(context) \triangleq
    LET IOUtils \triangleq INSTANCE IOUtils
                  \stackrel{\triangle}{=} INSTANCE Json
         Json
    IN
       Let init \triangleq [k \in \{k \in \text{Domain } InitState : \text{Domain } InitState[k]] \neq \{\}\} \mapsto InitState[k]]
             next \triangleq [k \in \{k \in \text{Domain } NextState : \text{Domain } NextState[k] \neq \{\}\} \mapsto NextState[k]]
             trace \stackrel{\triangle}{=} [context \mapsto context,
                        init
                                  \mapsto init,
                    ret.exitValue = 0
Step(action, context) \stackrel{\Delta}{=}
   \land action
   \land action \Rightarrow Log(context)
```

^{*} Modification History

^{*} Last modified Mon Feb 21 01:49:57 PST 2022 by jordanhalterman

^{*} Created Sun Feb 20 01:18:19 PST 2022 by jordanhalterman