This module provides utilities for outputting test cases from a model to be used to run tests against an implementation.

———————————————————— MODULE *Test* ————————————————————

INSTANCE *Naturals*

INSTANCE *Sequences*

LOCAL INSTANCE *IOUtils*

LOCAL INSTANCE *Json*

CONSTANT *File*

CONSTANT *State*

CONSTANT *Transitions*

$FormatOpts \triangleq$
   $[format \quad\quad \mapsto$ "TXT",
    $charset \quad\quad \mapsto$ "UTF-8",
    $openOptions \mapsto \langle$ "WRITE", "CREATE", "APPEND"$\rangle]$

$Delete \triangleq$
   $\land IOExec(\langle$ "rm", "-f", $File\rangle).exitValue = 0$

$Log(context) \triangleq$
   LET $record \triangleq [context \mapsto context, state \mapsto State, transitions \mapsto Transitions]$
   IN $Serialize(ToJsonObject(record) \circ$ "\n"$, File, FormatOpts).exitValue = 0$

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