

INSTANCE *Naturals*

INSTANCE *Sequences*

LOCAL INSTANCE *IOUtils*

LOCAL INSTANCE *Json*

CONSTANT *File*

CONSTANT *State*

CONSTANT *Transitions*

FormatOpts \triangleq
 [*format* \mapsto "TXT",
 charset \mapsto "UTF-8",
 openOptions \mapsto <"WRITE", "CREATE", "APPEND">]

Delete \triangleq
 \wedge *IOExec*(<"rm", "-f", *File*>).*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
