

INSTANCE *Naturals*

INSTANCE *Sequences*

LOCAL INSTANCE *IOUtils*

LOCAL INSTANCE *Json*

CONSTANT *File*

CONSTANT *State*

CONSTANT *Transitions*

FormatOpts \triangleq
 $\begin{aligned} &[\textit{format} \mapsto \text{"TXT"}, \\ &\textit{charset} \mapsto \text{"UTF-8"}, \\ &\textit{openOptions} \mapsto \langle \text{"WRITE"}, \text{"CREATE"}, \text{"APPEND"} \rangle] \end{aligned}$

Delete \triangleq
 $\wedge \textit{IOExec}(\langle \text{"rm"}, \text{"-f"}, \textit{File} \rangle). \textit{exitValue} = 0$

Log(context) \triangleq
 $\begin{aligned} &\text{LET } \textit{record} \triangleq [\textit{context} \mapsto \textit{context}, \textit{state} \mapsto \textit{State}, \textit{transitions} \mapsto \textit{Transitions}] \\ &\text{IN } \textit{Serialize}(\textit{ToJsonObject}(\textit{record}) \circ \text{"\n"}, \textit{File}, \textit{FormatOpts}). \textit{exitValue} = 0 \end{aligned}$
