

MACHINE*BYTE_DEFINITION***SEES***BIT_DEFINITION,*
*BIT_VECTOR_DEFINITION***CONSTANTS***BYTE,*
BYTE_WIDTH,
BYTE_INDEX,
*BYTE_ZERO***PROPERTIES**
$$\begin{aligned} & \textit{BYTE_WIDTH} = 8 \wedge \\ & \textit{BYTE_INDEX} = 0 \dots (\textit{BYTE_WIDTH} - 1) \wedge \\ & \textit{BYTE} \subseteq \textit{BIT_VECTOR} \wedge \\ & \textit{BYTE} = \{ vv \mid vv \in \textit{BIT_VECTOR} \wedge bv_size(vv) = \textit{BYTE_WIDTH} \} \wedge \\ & \textit{BYTE_ZERO} \in \textit{BYTE} \wedge \\ & \textit{BYTE_ZERO} = \textit{BYTE_INDEX} \times \{0\} \end{aligned}$$
END