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An Event-B Specification of SW_modes_context @ Date: 24 Oct 2008 @ Time: 03:48:15
PM
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CONTEXT SW_modes_context

REFINES Core_SW_context

SETS

CSW_MODES

CONSTANTS

CSW_TC_TRANSITIONS

CSW_FDIR_TRANSITIONS

CSW_PSEUDO_TC_TRANSITIONS

csw_standby

AXIOMS

axm1 : $CSW_TC_TRANSITIONS \in \mathbb{P}_1(CSW_MODES \times CSW_MODES)$

axm2 : $CSW_TC_TRANSITIONS \cap id(CSW_MODES) = \emptyset$

axm3 : $CSW_FDIR_TRANSITIONS \in \mathbb{P}_1(CSW_MODES \times CSW_MODES)$

axm4 : $CSW_FDIR_TRANSITIONS \cap id(CSW_MODES) = \emptyset$

axm5 : $CSW_PSEUDO_TC_TRANSITIONS \in \mathbb{P}_1(CSW_MODES \times CSW_MODES)$

axm6 : $CSW_PSEUDO_TC_TRANSITIONS \cap id(CSW_MODES) = \emptyset$

axm9 : $csw_standby \in CSW_MODES$

END