THEORY BBSLProp
  IMPORT THEORY BBSL
  TYPE PARAMETERS Var , Act
  OPERATORS
    Exhaustive *predicate* ($bbsl : BBSL(Act, Var)$)
      well−definedness condition $BBSLWellCons(bbsl)$
      direct definition
        $hyp(bbsl) \subseteq dom(bbslcase(bbsl))$
    Exclusionary *predicate* ($bbsl : BBSL(Act, Var)$)
      well−definedness condition $BBSLWellCons(bbsl)$
      direct definition
        $(hyp(bbsl) \lhd bbslcase(bbsl)) \in variables(bbsl) \nrightarrow actions(bbsl)$
    non_redundant *predicate* ($bbsl : BBSL(Act, Var)$)
      well−definedness condition $BBSLWellCons(bbsl)$
      direct definition
        $(hyp(bbsl) \lhd bbslcase(bbsl)) \in variables(bbsl) \nleftrightarrow actions(bbsl)$
END