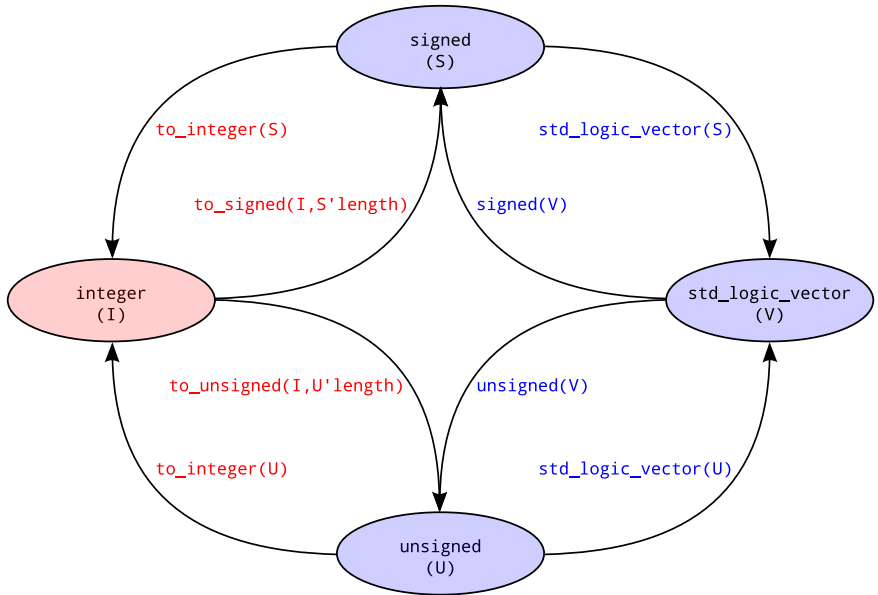# VHDL type conversions