





































































Quick Review: Suther I and Net Data Types H D	
 Net data types represent structural connections in a design 	
 Each net type has resolution functionality that is used to model different types of connections (CMOS, ECL, etc.) 	
Net Data Type	Functionality
wire or tri	Interconnecting wire (models CMOS)
wor or trior	Multiple drivers OR together (models ECL)
wand or triand	Multiple drivers AND together (models Open-Collector)
tri0	Net pulls down when not driven (pull strength)
tri1	Net pulls up when not driven (pull strength)
supply0	Net has a constant logic 0 (supply strength)
supply1	Net has a constant logic 1 (supply strength)
trireg	Stores last value when not driven (models capacitance)
In Verilog-1995, all net data types are unsigned (the most-significant bit is not a sign bit)	









































by Sutherland HDL, Inc., Portland, Oregon, \circledast 2001







