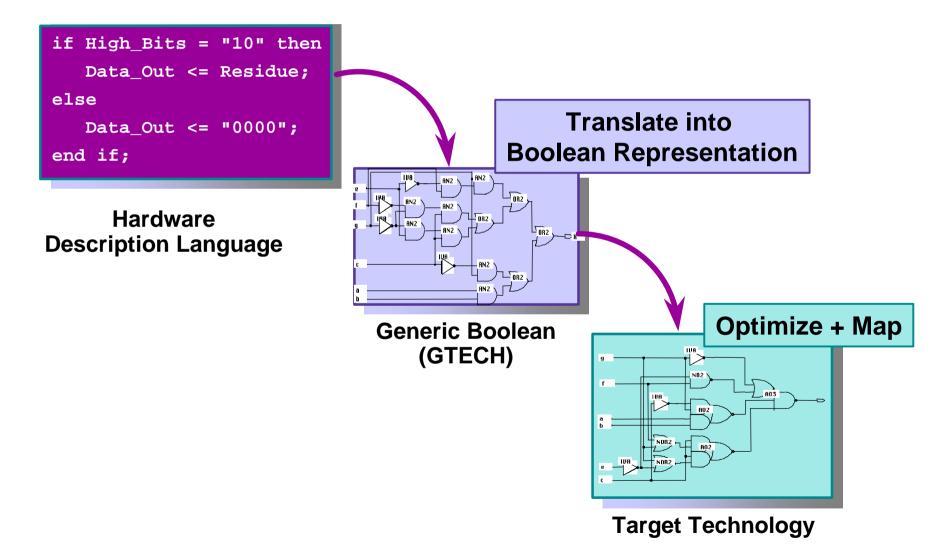
Synthesis

Synthesis = Translation + Optimization + Mapping



- Coding style is a key element in synthesis, but other design issues must also be addressed:
 - Hardware timing goals
 - ✓ Hardware area goals
 - Environmental constraints
 - **Environmental attributes**
 - Power management goals
 - Z Design-For-Test rules
 - Zarget library design rules

Forces Driving the Synthesis Algorithms

