

## Formal Methods

# **Specification** `Formally express the goal'

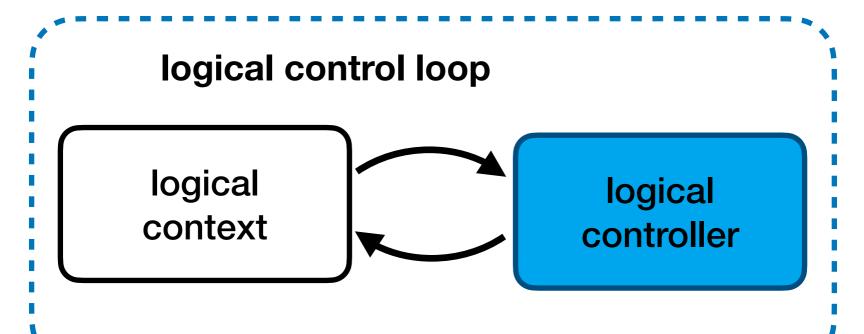
## Verification

`Ensure controller satisfies the goal'

## **Reactive Synthesis**

Design correct-by-construction controller'

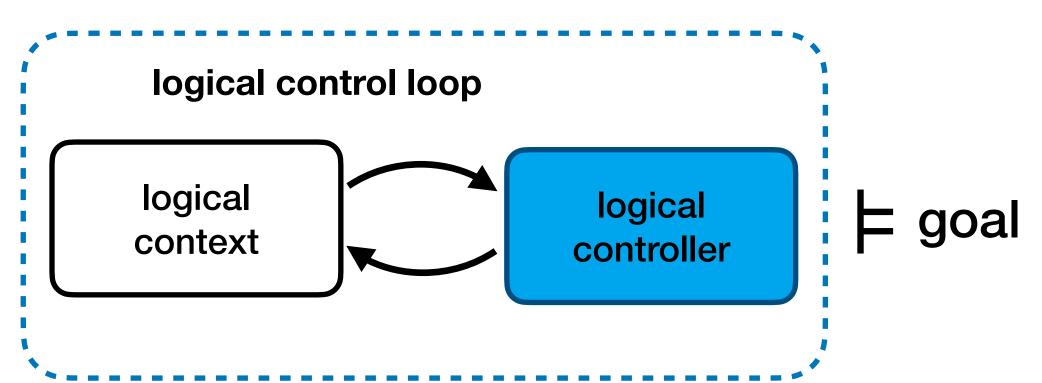
#### **Higher Logical Layer**



# |= goal

# Formal Methods

#### **Higher Logical Layer**



### Specification

`Formally express the goal'

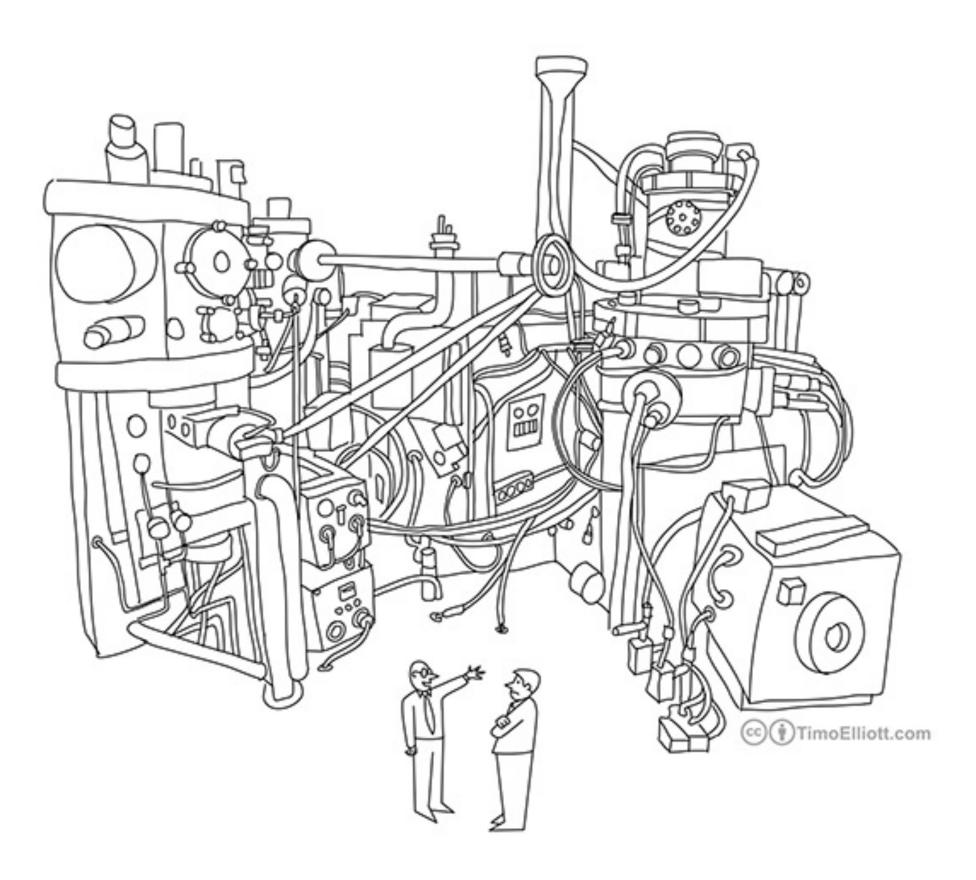
#### Verification

Ensure controller satisfies the goal'

### Reactive Synthesis

Design correct-by-construction controller'

# Specification Inference: Explainability



"Well, sure, it looks complicated..."