

## Sense

## Model

## Act

### Robot Language

### Planning Language

### Ontology

### Domain Specific Information

Contains predicate eval functions:  
 boolean EvalBoolPred( char \*pred,  
                           char \*arg1,  
                           char \*arg2)  
 int EvalIntPred( char \*pred,  
                   char \*arg1,  
                   char \*arg2)

Sensor Processing  
Ground Truth

Contains specifics  
about current problem

Contains classes:  
 - Action       - State relations  
 - Effect       - RCC8 relations  
 - Predicate   - Precondition  
 Actual actions are subclass  
of these higher classes

Contains information  
on basic classes needed  
for kitting domain

Automatically converts  
XML instance file to  
OWL Init/Goal files.  
Automatically converts  
XML schema to  
equivalent OWL file.

Connectors to  
Predicate Evaluation

