iotschema patterns

Design Patterns for iot.schema.org
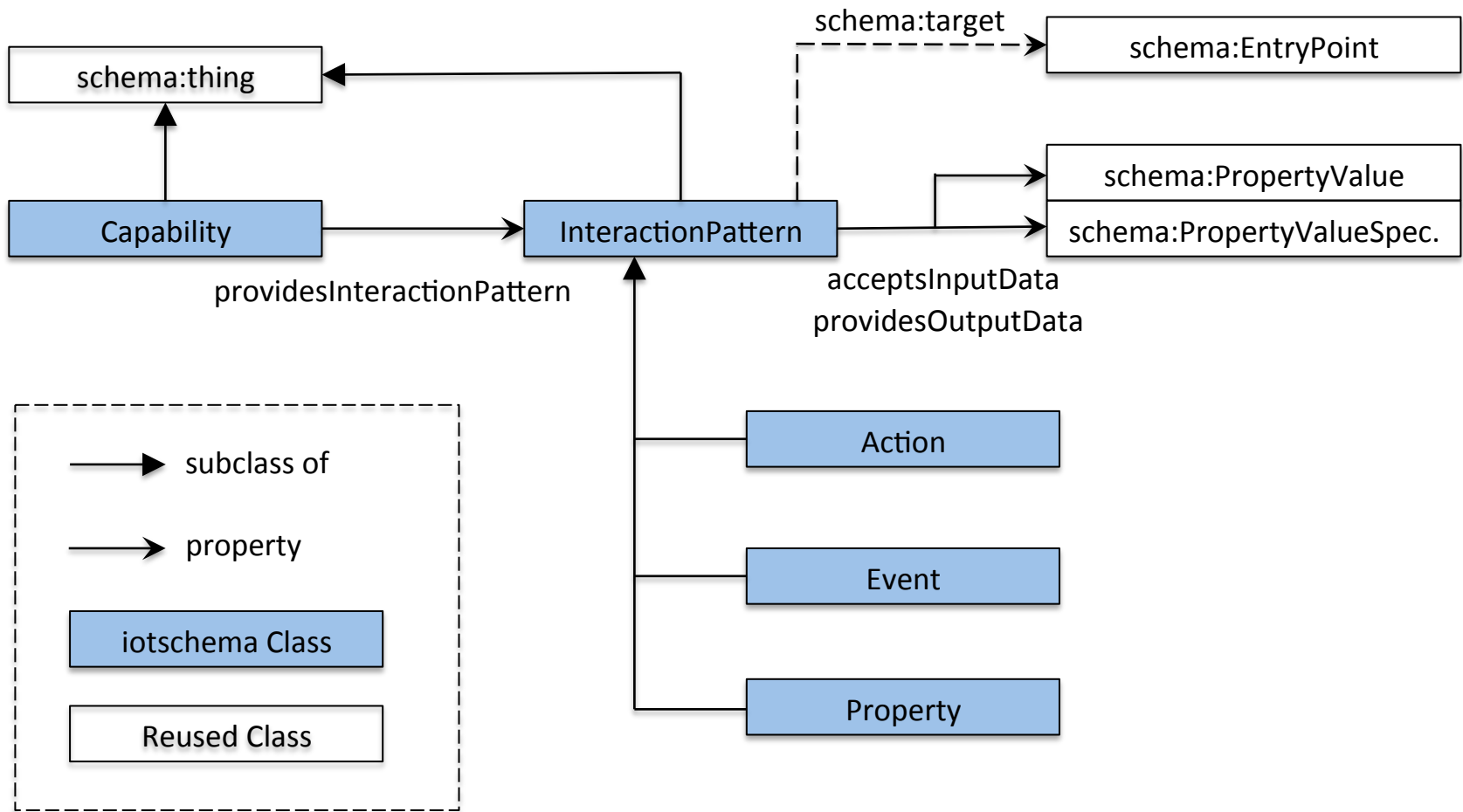
Goal

- Define a strawman common design pattern for iot.schema.org
- Create some example definitions using this pattern
- Create example instances using the definitions

Constraints

- Compatible with W3C Thing Description
- Reuse concepts from schema.org
- Reuse design pattern from schema.org
- Reuse definitions from schema.org

iotschema Common Pattern

Property Value (Specification)

- PropertyValue
  - unitCode, unitText, value, valueReference, maxValue, minValue, propertyID
- PropertyValueSpecification
  - minValue, maxValue, valueName, valueRequired, defaultValue, readonlyValue, multipleValues, minValueLength, maxValueLength, valuePattern, stepValue

Entry Point

- Subclass of schema:Intangible
- Range of schema:target
- EntryPoint Properties
  - href, httpMethod, contentType, encodingType, urlTemplate, application, actionPlatform, actionApplication