

iot.schema.org

iot.schema.org Model - Revisited

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# Review of the Roadmap for 2019

Among other tasks:

- Review the current [iot.schema.org](http://iot.schema.org) model
- Navigation for Capabilities on our prototype web site: [iotschema.org](http://iotschema.org)

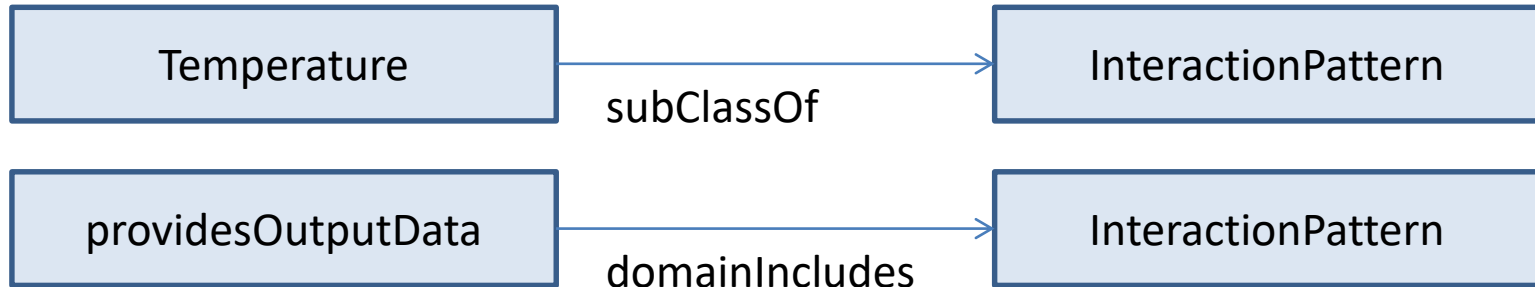
iot.schema.org Model

# **MOTIVATION FOR CHANGES**

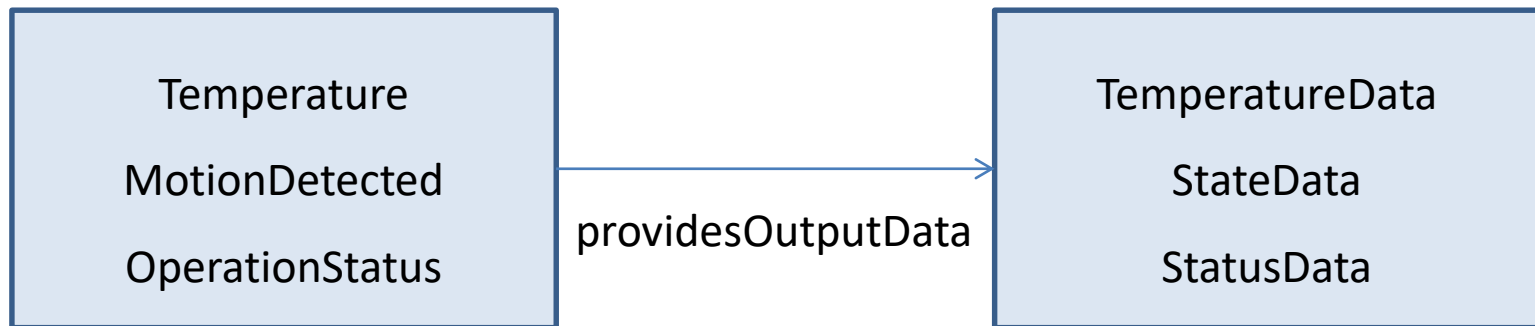
# Avoid Mixing Classes and Instances

See Issue #2

[iot.schema.org](http://iot.schema.org) Example:

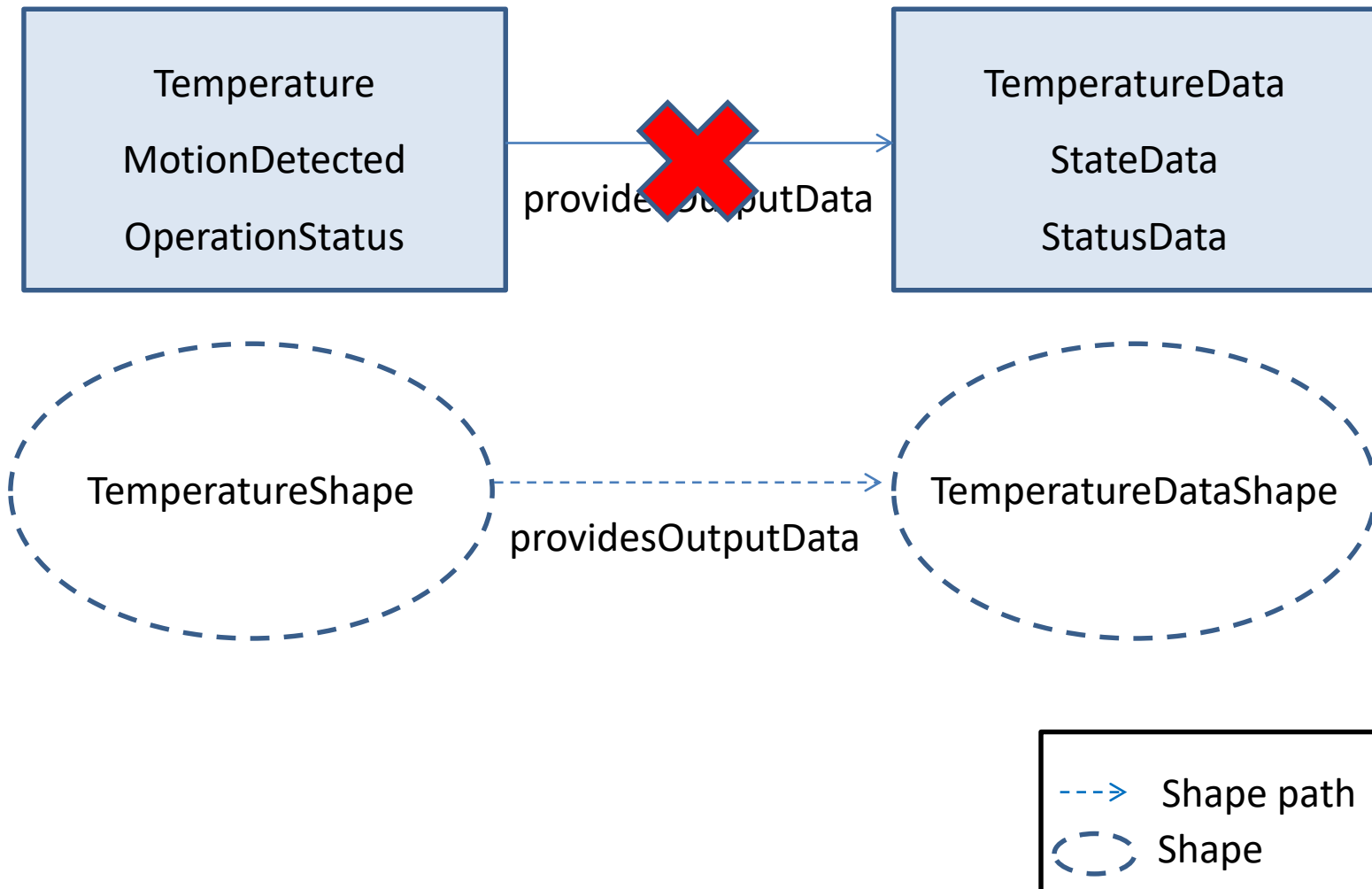


Temperature is a class!

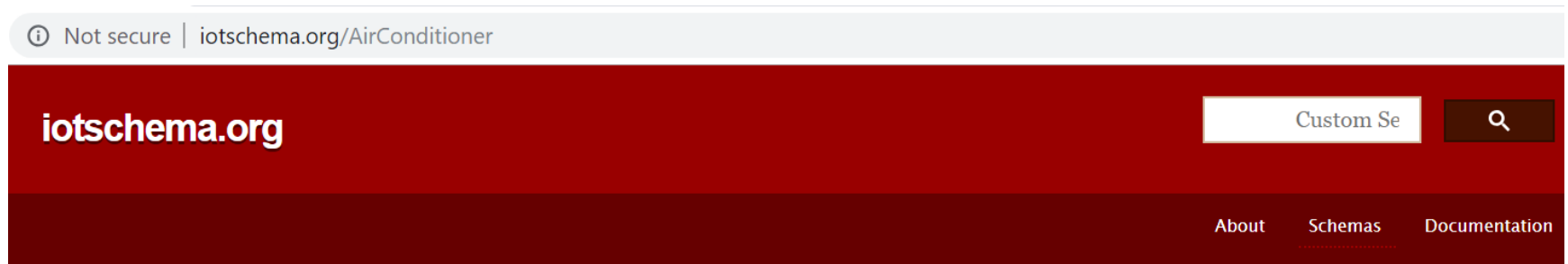


Temperature appears to be an instance!- which is not correct

# Proposal: Using RDF Shapes in [iot.schema.org](http://iot.schema.org)



# Incomplete Content of Schema



## AirConditioner

Canonical URL: <http://iotschema.org/AirConditioner>

### [Capability](#) > [AirConditioner](#)

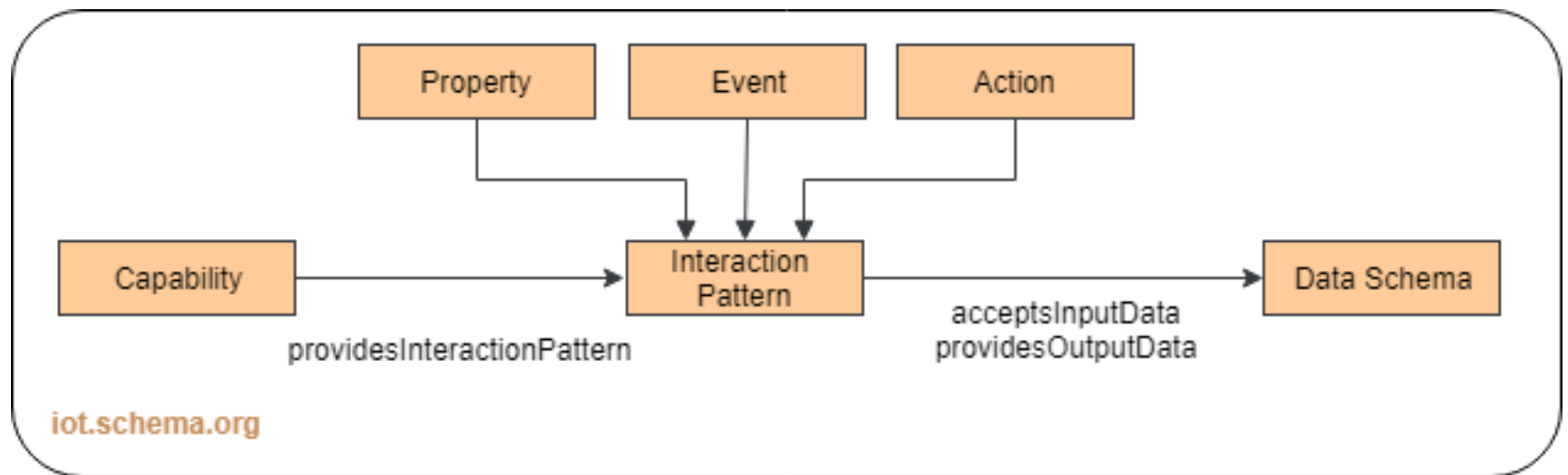
A capability for air conditioner

iot.schema.org

**UPDATED MODEL**

# Current Capability Model

iot.schema.org



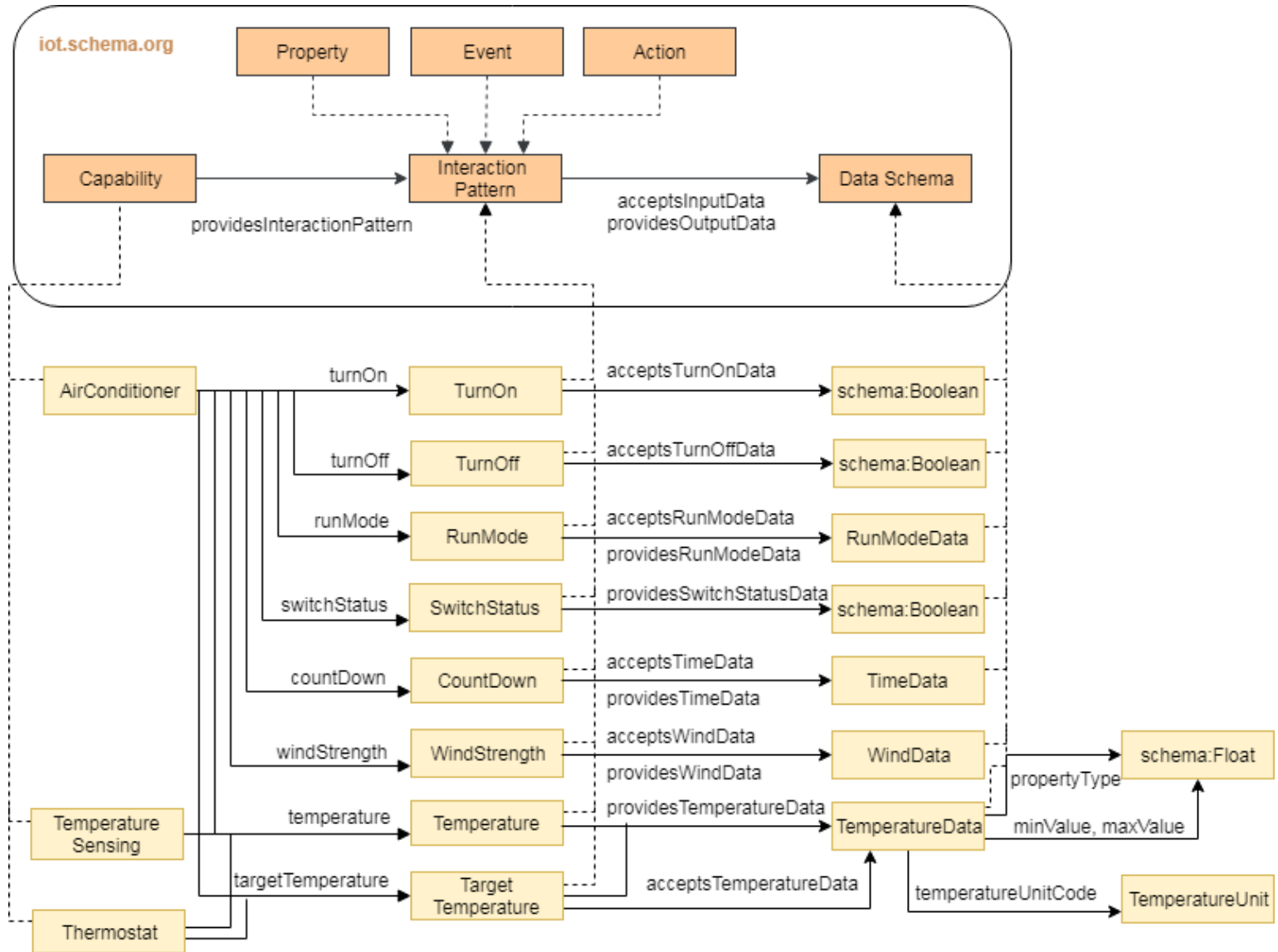
→ rdfs:subClassOf

→ rdf: Property

-----> alignement



# Updated Model



# Next Steps

- Review the updated model
- Apply changes to the current schema
- Update our prototype web site: [iotschema.org](http://iotschema.org)
- Review the iotschema SHACL Shapes

# Thank You!

Questions please...