

DTDL and W3C TD Template



Properties
Command
Telemetry



DTDL in JSON-LD 1.0

```
{
  "@id": "urn:example:thermostat:1",
  "@type": "Interface",
  "displayName": "Thermostat",
  "contents": [
    {
      "@type": "Telemetry",
      "name": "temp",
      "schema": "double"
    },
    {
      "@type": "Property",
      "name": "setPointTemp",
      "writable": true,
      "schema": "double"
    }
  ],
  "@context": "http://azureiot.com/v1/contexts/IoTModel.json"
}
```

TD Template in JSON-LD 1.1

```
{
  "@context": [
    "https://www.w3.org/2019/wot/td/v1",
    {"azure": "http://azureiot.com/v1/contexts/IoTModel.json"}
  ],
  "id": "urn:example:thermostat:1",
  "@type": [ "Thing", "azure:Interface" ],
  "title": "Thermostat",
  "events": {
    "temp": {
      "data": {"type": "number"}
    }
  },
  "properties": {
    "setPointTemp": {"type": "number"}
  }
}
```