## Declaratively Transforming JSON

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## Demo #1: JSON-to-JSON Transformation

```
+ Transformation
Input
                                                                      = Output
    "temperature": 23.1,
                                   "bn": "3303/0/",
                                                                             "bn": "3303/0/",
    "unit": "Cel"
                                                                             "n": "5701",
                                   "n": "5701",
                                                                             "vs": "Cel"
  },
                                   "vs": "$[0].unit"
                                 },
    "temperature": 73.6,
                                                                             "n": "5700",
    "unit": "Fah"
                                   "$": "$[?(@.unit==$[0].unit)]",
  },
                                   "n": "5700",
                                                                             "v": 23.1
                                   "v": "$.temperature"
    "temperature": 25.8,
    "unit": "Cel"
                                                                             "n": "5700",
                                                                             "v": 25.8
```

## Demo #2: JSON-to-SenML Transformation

```
+ Transformation
Input
                                                                      = Output
                                 "3303/0/5700": "$[*].temperature",
    "temperature": 23.1,
                                 "3304/0/5700": "$[*].humidity",
                                                                            "n": "3303/0/5700",
    "unit": "Cel"
                                 "3305/0/5800": "$[*].power"
                                                                            "v": 23.1
  },
                                                                            "n": "3303/0/5700",
    "temperature": 73.6,
    "unit": "Fah"
                                                                            "v": 73.6
  },
    "temperature": 25.8,
                                                                            "n": "3303/0/5700",
    "unit": "Cel"
                                                                            "v": 25.8
```