Entidad: WeatherObserved

Licencia abierta

documento generado automáticamente

Descripción global: **Una observación de las condiciones meteorológicas en un lugar y momento determinados. Este modelo de datos se ha desarrollado en colaboración con operadores de telefonía móvil y la GSMA.**

versión: 0.3.3

Lista de propiedades

[*] Si no hay un tipo en un atributo es porque puede tener varios tipos o diferentes formatos/patrones.

-

```
address[object]
```

: La dirección postal . Model: https://schema.org/address

-

```
addressCountry[string]
```

: El país. Por ejemplo, España . Model: https://schema.org/addressCountry

-

```
addressLocality[string]
```

: La localidad en la que se encuentra la dirección postal, y que está en la región . Model: https://schema.org/addressLocality

-

```
addressRegion[string]
```

: La región en la que se encuentra la localidad, y que está en el país . Model: https://schema.org/addressRegion

-

```
district[string]
```

: Un distrito es un tipo de división administrativa que, en algunos países, gestiona el gobierno local

-

```
postOfficeBoxNumber[string]
```

: El número del apartado de correos para las direcciones de apartados postales. Por ejemplo, 03578 . Model: https://schema.org/postOfficeBoxNumber

-

```
postalCode[string]
```

: El código postal. Por ejemplo, 24004 . Model: https://schema.org/https://schema.org/postalCode

-

```
streetAddress[string]
```

: La dirección . Model: https://schema.org/streetAddress
-

```
streetNr[string]
```

: Número que identifica una propiedad específica en una vía pública
-

```
airQualityIndex[number]
```

: El índice de calidad del aire es un número utilizado para indicar la calidad del aire en un día determinado. . Model: https://schema.org/Number
-

```
airQualityIndexForecast[number]
```

: Previsión del índice global de calidad del aire (ICA) durante un periodo determinado en el futuro . Model: https://schema.org/Number
-

```
airTemperatureForecast[number]
```

: Valor previsto de la temperatura del aire durante un periodo determinado en el futuro . Model: https://schema.org/Number
-

```
airTemperatureTSA[object]
```

: Agregación de series temporales de temperatura del aire
-

```
averageValue[number]
```

: Valor medio del tratamiento temporal a lo largo del tiempo
-

```
instValue[number]
```

: Valor instantáneo del tratamiento temporal
-

```
maxOverTime[number]
```

: Valor máximo del tratamiento temporal en el tiempo
-

```
minOverTime[number]
```

: Valor mínimo de procesamiento temporal en el tiempo
-

```
alternateName[string]
```

: Un nombre alternativo para este artículo
-

```
aqiMajorPollutant[string]
```

: Principal contaminante en el Índice de Calidad del Aire (ICA) . Model: https://schema.org/Text
-

```
aqiMajorPollutantForecast[string]
```

: Previsión de los principales contaminantes atmosféricos en el Índice de Calidad del Aire (ICA) durante un periodo determinado en el futuro . Model: https://schema.org/Text
-

```
areaServed[string]
```

: La zona geográfica en la que se presta un servicio o se ofrece un artículo . Model: https://schema.org/Text
-

```
atmosphericPressure[number]
```

: La presión atmosférica observada medida en Hecto Pascales . Model: https://schema.org/Number
-

```
dataProvider[string]
```

: Una secuencia de caracteres que identifica al proveedor de la entidad de datos armonizada
-

```
dateCreated[date-time]
```

: Fecha de creación de la entidad. Normalmente será asignada por la plataforma de almacenamiento
-

```
dateModified[date-time]
```

: Marca de tiempo de la última modificación de la entidad. Suele ser asignada por la plataforma de almacenamiento
-

```
dateObserved[date-time]
```

: Fecha de la entidad observada definida por el usuario
-

```
description[string]
```

: Descripción de este artículo
-

```
dewPoint[number]
```

: El punto de rocío codificado como un número. Temperatura observada a la que debe enfriarse el aire para saturarse de vapor de agua. . Model: https://schema.org/Number
-

```
diffuseIrradiation[number]
```

: La irradiancia difusa es la parte de la irradiancia solar que es dispersada por la atmósfera. . Model: https://schema.org/Number
-

```
directIrradiation[number]
```

: La irradiancia directa es la parte de la irradiancia solar que llega directamente a una superficie . Model: https://schema.org/Number
-

```
feelLikesTemperature[number]
```

: Apreciación de la temperatura del artículo
-

```
gustSpeed[number]
```

: Una ráfaga repentina de viento de alta velocidad por encima de la velocidad media observada que dura sólo unos segundos.
-

```
id[*]
```

: Identificador único de la entidad
-

```
illuminance[number]
```

: Intensidad luminosa ambiente instantánea observada
-

```
location[*]
```

: Referencia Geojson al elemento. Puede ser Point, LineString, Polygon, MultiPoint, MultiLineString o MultiPolygon.
-

```
name[string]
```

: El nombre de este artículo
-

```
owner[array]
```

: Una lista que contiene una secuencia de caracteres codificada en JSON que hace referencia a los identificadores únicos de los propietarios.
-

```
precipitation[number]
```

: Cantidad de agua de lluvia registrada. . Model: https://schema.org/Number
-

```
precipitationForecast[number]
```

: Previsión de precipitaciones durante un periodo determinado en el futuro . Model: https://schema.org/Number
-

```
pressureTendency[*]
```

: Enum:'bajando, subiendo, constante'. ¿La presión aumenta o disminuye? Puede expresarse en términos cuantitativos o cualitativos
-

```
refDevice[*]
```

: Una referencia al dispositivo o dispositivos que captaron esta observación . Model: https://schema.org/URL
-

```
refPointOfInterest[string]
```

: Punto de interés relacionado con el artículo . Model: http://schema.org/URL
-

```
relativeHumidity[number]
```

: Humedad en el aire. Humedad relativa instantánea observada (vapor de agua en el aire).
-

```
relativeHumidityForecast[number]
```

: Previsión de la humedad relativa (vapor de agua en el aire) durante un periodo determinado en el futuro . Model: https://schema.org/Number
-

```
seeAlso[*]
```

: lista de uri que apuntan a recursos adicionales sobre el artículo
-

`snowHeight[number]`

: La altura de la nieve observada por los sensores genéricos de medición de la profundidad de la nieve, expresada en centímetros . Model: https://schema.org/Number
-

`solarRadiation[number]`

: La radiación solar observada medida en vatios por cuadrado . Model: https://schema.org/Number
-

`source[string]`

: Secuencia de caracteres que indica la fuente original de los datos de la entidad en forma de URL. Se recomienda que sea el nombre de dominio completo del proveedor de origen o la URL del objeto de origen.
-

`streamGauge[number]`

: La elevación de la superficie del nivel del agua observada por los sensores de medición hidrométrica, a saber, un Stream Gauge expresada en centímetros. . Model: https://schema.org/Number
-

`temperature[number]`

: Temperatura del artículo
-

`type[string]`

: Tipo de entidad NGSI. Tiene que ser WeatherObserved
-

`uVIndexMax[number]`

: El índice UV máximo para el periodo, basado en la medida del índice UV de la Organización Mundial de la Salud. http://www.who.int/uv/intersunprogramme/activities/uv_index/en/ los valores entre 1 y 11 son el rango válido para el índice. El valor 0 es para describir que no se detecta ninguna señal por lo que no se almacena ningún valor . Model: https://schema.org/Number
-

`visibility[*]`

: Categorías de visibilidad . Model: http://schema.org/Text
-

`weatherType[string]`

: Texto descriptivo del tiempo . Model: http://schema.org/Text
-

`windDirection[number]`

: Dirección del viento apuesta . Model: http://schema.org/Number
-

`windSpeed[number]`

: Intensidad del viento . Model: http//schema.org/Number

Propiedades requeridas
-

`dateObserved`

-

```
id
```

-

```
location
```

-

```
type
```

Rango de dirección del viento definido según la Organización Meteorológica Mundial

Descripción de las propiedades del modelo de datos

Ordenados alfabéticamente (pulse para más detalles)

full yaml details

```yaml
WeatherObserved:
  description: An observation of weather conditions at a certain place and
time. This data model has been developed in cooperation with mobile
operators and the GSMA.
  properties:
    address:
      description: The mailing address
      properties:
        addressCountry:
          description: 'The country. For example, Spain'
          type: string
          x-ngsi:
            model: https://schema.org/addressCountry
            type: Property
        addressLocality:
          description: 'The locality in which the street address is, and
which is in the region'
          type: string
          x-ngsi:
            model: https://schema.org/addressLocality
            type: Property
        addressRegion:
          description: 'The region in which the locality is, and which is
in the country'
          type: string
          x-ngsi:
            model: https://schema.org/addressRegion
            type: Property
        district:
          description: 'A district is a type of administrative division
that, in some countries, is managed by the local government'
          type: string
          x-ngsi:
            type: Property
        postOfficeBoxNumber:
          description: 'The post office box number for PO box addresses.
For example, 03578'
          type: string
          x-ngsi:
            model: https://schema.org/postOfficeBoxNumber
            type: Property
        postalCode:
          description: 'The postal code. For example, 24004'
          type: string
          x-ngsi:
            model: https://schema.org/https://schema.org/postalCode
            type: Property
        streetAddress:
          description: The street address
          type: string
          x-ngsi:
            model: https://schema.org/streetAddress
            type: Property
        streetNr:
```

```
          description: Number identifying a specific property on a public
street
          type: string
          x-ngsi:
            type: Property
      type: object
      x-ngsi:
        model: https://schema.org/address
        type: Property
    airQualityIndex:
      description:
Air quality index is a number used to report the quality of the air on any
given day
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    airQualityIndexForecast:
      description: Forecasted overall Air Quality Index (AQI) over a
certain duration in future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    airTemperatureForecast:
      description: Forecasted value of air temperature over a certain
duration in future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    airTemperatureTSA:
      description: Air temperature time series aggregation
      properties:
        averageValue:
          description: Average value of temporal processing over time
          type: number
          x-ngsi:
            type: Property
        instValue:
          description: Instant value of temporal processing
          type: number
          x-ngsi:
            type: Property
        maxOverTime:
          description: Maximum value of temporal processing over time
          type: number
          x-ngsi:
            type: Property
        minOverTime:
          description: Minimum value of temporal processing over time
          type: number
          x-ngsi:
            type: Property
      type: object
      x-ngsi:
        type: Property
    alternateName:
      description: An alternative name for this item
      type: string
      x-ngsi:
        type: Property
    aqiMajorPollutant:
      description: Major pollutant in the Air Quality Index (AQI)
      type: string
      x-ngsi:
        model: https://schema.org/Text
        type: Property
    aqiMajorPollutantForecast:
      description: Forecasted major air pollutant in the Air Quality Index
(AQI) over a certain duration in future
      type: string
      x-ngsi:
        model: https://schema.org/Text
        type: Property
    areaServed:
      description: The geographic area where a service or offered item is
provided
      type: string
      x-ngsi:
        model: https://schema.org/Text
        type: Property
    atmosphericPressure:
      description: The atmospheric pressure observed measured in Hecto
Pascals
      minimum: 0
```

```
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: Hecto pascals
    dataProvider:
      description:
A sequence of characters identifying the provider of the harmonised data
entity
      type: string
      x-ngsi:
        type: Property
    dateCreated:
      description: Entity creation timestamp. This will usually be
allocated by the storage platform
      format: date-time
      type: string
      x-ngsi:
        type: Property
    dateModified:
      description: Timestamp of the last modification of the entity. This
will usually be allocated by the storage platform
      format: date-time
      type: string
      x-ngsi:
        type: Property
    dateObserved:
      description: Date of the observed entity defined by the user
      format: date-time
      type: string
      x-ngsi:
        type: Property
    description:
      description: A description of this item
      type: string
      x-ngsi:
        type: Property
    dewPoint:
      description: The dew point encoded as a number. Observed temperature
to which air must be cooled to become saturated with water vapor
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: Celsius degrees
    diffuseIrradiation:
      description: Diffuse irradiance is the part of the solar irradiance
that is scattered by the atmosphere
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: w/m2
    directIrradiation:
      description: Direct irradiance is the part of the solar irradiance
that directly reaches a surface
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: w/m2
    feelsLikeTemperature:
      description: Temperature appreciation of the item
      type: number
      x-ngsi:
        type: Property
    gustSpeed:
      description: A sudden burst of high-speed wind over the observed
average wind speed lasting only for a few seconds
      type: number
      x-ngsi:
        type: Property
    id:
      anyOf:
        - description: Identifier format of any NGSI entity
          maxLength: 256
          minLength: 1
          pattern: ^[\w\-\.\{\}\$\+\*\[\]`|~^@!,:\\]+$
          type: string
          x-ngsi:
            type: Property
        - description: Identifier format of any NGSI entity
          format: uri
          type: string
```

```
          x-ngsi:
            type: Property
        description: Unique identifier of the entity
        x-ngsi:
          type: Property
      illuminance:
        description: '(https://en.wikipedia.org/wiki/Illuminance) observed
measured in lux (lx) or lumens per square metre (cd·sr·m−2)'
        minimum: 0
        type: number
        x-ngsi:
          model: https://schema.org/Number
          type: Property
          units: Lux
      location:
        description: 'Geojson reference to the item. It can be Point,
LineString, Polygon, MultiPoint, MultiLineString or MultiPolygon'
        oneOf:
          - description: Geojson reference to the item. Point
            properties:
              bbox:
                items:
                  type: number
                minItems: 4
                type: array
              coordinates:
                items:
                  type: number
                minItems: 2
                type: array
              type:
                enum:
                  - Point
                type: string
            required:
              - type
              - coordinates
            title: GeoJSON Point
            type: object
            x-ngsi:
              type: GeoProperty
          - description: Geojson reference to the item. LineString
            properties:
              bbox:
                items:
                  type: number
                minItems: 4
                type: array
              coordinates:
                items:
                  items:
                    type: number
                  minItems: 2
                  type: array
                minItems: 2
                type: array
              type:
                enum:
                  - LineString
                type: string
            required:
              - type
              - coordinates
            title: GeoJSON LineString
            type: object
            x-ngsi:
              type: GeoProperty
          - description: Geojson reference to the item. Polygon
            properties:
              bbox:
                items:
                  type: number
                minItems: 4
                type: array
              coordinates:
                items:
                  items:
                    items:
                      type: number
                    minItems: 2
                    type: array
                  minItems: 4
                  type: array
                type: array
              type:
                enum:
```

```
            - Polygon
          type: string
      required:
        - type
        - coordinates
      title: GeoJSON Polygon
      type: object
      x-ngsi:
        type: GeoProperty
    - description: Geojson reference to the item. MultiPoint
      properties:
        bbox:
          items:
            type: number
          minItems: 4
          type: array
        coordinates:
          items:
            items:
              type: number
            minItems: 2
            type: array
          type: array
        type:
          enum:
            - MultiPoint
          type: string
      required:
        - type
        - coordinates
      title: GeoJSON MultiPoint
      type: object
      x-ngsi:
        type: GeoProperty
    - description: Geojson reference to the item. MultiLineString
      properties:
        bbox:
          items:
            type: number
          minItems: 4
          type: array
        coordinates:
          items:
            items:
              items:
                type: number
              minItems: 2
              type: array
            minItems: 2
            type: array
          type: array
        type:
          enum:
            - MultiLineString
          type: string
      required:
        - type
        - coordinates
      title: GeoJSON MultiLineString
      type: object
      x-ngsi:
        type: GeoProperty
    - description: Geojson reference to the item. MultiLineString
      properties:
        bbox:
          items:
            type: number
          minItems: 4
          type: array
        coordinates:
          items:
            items:
              items:
                items:
                  type: number
                minItems: 2
                type: array
              minItems: 4
              type: array
            type: array
          type: array
        type:
          enum:
            - MultiPolygon
          type: string
      required:
```

```
            - type
            - coordinates
          title: GeoJSON MultiPolygon
          type: object
          x-ngsi:
            type: GeoProperty
      x-ngsi:
        type: GeoProperty
    name:
      description: The name of this item
      type: string
      x-ngsi:
        type: Property
    owner:
      description: A List containing a JSON encoded sequence of characters
referencing the unique Ids of the owner(s)
      items:
        anyOf:
          - description: Identifier format of any NGSI entity
            maxLength: 256
            minLength: 1
            pattern: ^[\w\-\.\{\}\$\+\*\[\]`|~^@!,:\\]+$
            type: string
            x-ngsi:
              type: Property
          - description: Identifier format of any NGSI entity
            format: uri
            type: string
            x-ngsi:
              type: Property
        description: Unique identifier of the entity
        x-ngsi:
          type: Property
      type: array
      x-ngsi:
        type: Property
    precipitation:
      description: 'Amount of water rain registered. '
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: Liters per square meter
    precipitationForecast:
      description: Forecasted rainfall over a certain duration in
future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    pressureTendency:
      description: 'Enum:''falling, raising, steady''. Is the pressure
rising or falling? It can be expressed in quantitative terms or
qualitative terms'
      oneOf:
        - enum:
            - falling
            - raising
            - steady
          type: string
        - type: number
      x-ngsi:
        type: Property
    refDevice:
      anyOf:
        - description: Identifier format of any NGSI entity
          maxLength: 256
          minLength: 1
          pattern: ^[\w\-\.\{\}\$\+\*\[\]`|~^@!,:\\]+$
          type: string
          x-ngsi:
            type: Property
        - description: Identifier format of any NGSI entity
          format: uri
          type: string
          x-ngsi:
            type: Property
      description: A reference to the device(s) which captured this
observation
      x-ngsi:
        model: https://schema.org/URL
        type: Relationship
    refPointOfInterest:
      description: Point of interest related to the item
      type: string
```

```
      x-ngsi:
        model: http://schema.org/URL
        type: Relationship
    relativeHumidity:
      description: Humidity in the Air. Observed instantaneous relative
humidity (water vapour in air)
      maximum: 1
      minimum: 0
      type: number
      x-ngsi:
        type: Property
    relativeHumidityForecast:
      description: Forecasted relative humidity (water vapour in air) over
a certain duration in future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    seeAlso:
      description: list of uri pointing to additional resources about the
item
      oneOf:
        - items:
            format: uri
            type: string
          minItems: 1
          type: array
        - format: uri
          type: string
      x-ngsi:
        type: Property
    snowHeight:
      description: 'The snow height observed by generic snow depth
measurement sensors, expressed in centimeters'
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: centimeters
    solarRadiation:
      description: The solar radiation observed measured in Watts per
square
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: w/m2
    source:
      description: 'A sequence of characters giving the original source of
the entity data as a URL. Recommended to be the fully qualified domain
name of the source provider, or the URL to the source object'
      type: string
      x-ngsi:
        type: Property
    streamGauge:
      description: 'The water level surface elevation observed by
Hydrometric measurement sensors, namely a [Stream Gauge](https://
en.wikipedia.org/wiki/Stream_gauge) expressed in centimeters'
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: centimeters
    temperature:
      description: Temperature of the item
      type: number
      x-ngsi:
        type: Property
    type:
      description: NGSI Entity type. It has to be WeatherObserved
      enum:
        - WeatherObserved
      type: string
      x-ngsi:
        type: Property
    uVIndexMax:
      description: 'The maximum UV index for the period, based on the
World Health Organization''s UV Index measure. [http://www.who.int/uv/
intersunprogramme/activities/uv_index/en/](http://www.who.int/uv/
intersunprogramme/activities/uv_index/en/) the values between 1 and 11 are
the valid range for the index. The value 0 is for describing that no
signal is detected so no value is stored'
      minimum: 0
```

```
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    visibility:
      anyOf:
        - enum:
            - veryPoor
            - poor
            - moderate
            - good
            - veryGood
            - excellent
          type: string
        - minimum: 0
          type: number
      description: Categories of visibility
      x-ngsi:
        model: http://schema.org/Text
        type: Property
    weatherType:
      description: Text description of the weather
      type: string
      x-ngsi:
        model: http://schema.org/Text
        type: Property
    windDirection:
      description: Direction of the wind bet
      maximum: 360
      minimum: 0
      type: number
      x-ngsi:
        model: http://schema.org/Number
        type: Property
    windSpeed:
      description: Intensity of the wind
      minimum: 0
      type: number
      x-ngsi:
        model: http//schema.org/Number
        type: Property
  required:
    - id
    - type
    - dateObserved
    - location
  type: object
  x-derived-from: ""
  x-disclaimer: 'Redistribution and use in source and binary forms, with
or without modification, are permitted  provided that the license
conditions are met. Copyleft (c) 2023 Contributors to Smart Data Models
Program'
  x-license-url: https://github.com/smart-data-models/dataModel.Weather/
blob/master/WeatherObserved/LICENSE.md
  x-model-schema: https://smart-data-models.github.io/dataModel.Weather/
WeatherObserved/schema.json
  x-model-tags: IUDX
  x-version: 0.3.4
```

Ejemplo de carga útil

WeatherObserved NGSI-v2 key-values Ejemplo

Aquí hay un ejemplo de un WeatherObserved en formato JSON-LD como key-values. Esto es compatible con NGSI-v2 cuando se utiliza

```
options=keyValues
```

y devuelve los datos de contexto de una entidad individual.

show/hide example

```
{
    "id": "Spain-WeatherObserved-Valladolid-2016-11-30T07:00:00.00Z",
    "type": "WeatherObserved",
    "address": {
        "addressLocality": "Valladolid",
        "addressCountry": "ES"
    },
    "atmosphericPressure": 938.9,
    "dataProvider": "TEF",
    "dateObserved": "2016-11-30T07:00:00.00Z",
    "location": {
        "type": "Point",
        "coordinates": [
            -4.754444444,
            41.640833333
        ]
    },
    "precipitation": 0,
    "pressureTendency": 0.5,
    "relativeHumidity": 1,
    "source": "http://www.aemet.es",
    "temperature": 3.3,
    "windDirection": 135,
    "windSpeed": 2,
    "illuminance": 1000,
    "refDevice": "device-0A3478",
    "streamGauge": 50,
    "snowHeight": 20,
    "uVIndexMax": 1.0
}
```


WeatherObserved NGSI-v2 normalizado Ejemplo

He aquí un ejemplo de un WeatherObserved en formato JSON-LD normalizado. Esto es compatible con NGSI-v2 cuando no se utilizan opciones y devuelve los datos de contexto de una entidad individual.

show/hide example


```
{
    "id": "Valladolid.2016-11-30T07-00-00.00Z",
    "type": "WeatherObserved",
    "dateObserved": {
        "type": "DateTime",
        "value": "2016-11-30T07:00:00.00Z"
    },
    "illuminance": {
        "type": "Number",
        "value": 1000
    },
    "temperature": {
        "type": "Number",
        "value": 3.3
    },
    "precipitation": {
        "type": "Number",
        "value": 0.1
    },
    "atmosphericPressure": {
        "type": "Number",
        "value": 938.9
    },
    "pressureTendency": {
        "type": "Number",
        "value": 0.5
    },
    "refDevice": {
        "type": "Text",
        "value": "device-0A3478"
    },
    "source": {
        "type": "Text",
        "value": "http://www.aemet.es"
    },
    "windSpeed": {
        "type": "Number",
        "value": 2
    },
```

```
    "location": {
        "type": "geo:json",
        "value": {
            "type": "Point",
            "coordinates": [
                -4.754444444,
                41.640833333
            ]
        }
    },
    "address": {
        "type": "StructuredValue",
        "value": {
            "addressLocality": "Valladolid",
            "addressCountry": "ES"
        }
    },
    "dataProvider": {
        "type": "Text",
        "value": "TEF"
    },
    "windDirection": {
        "type": "Number",
        "value": 135
    },
    "relativeHumidity": {
        "type": "Number",
        "value": 0.15
    },
    "streamGauge": {
        "type": "Number",
        "value": 50
    },
    "snowHeight": {
        "type": "Number",
        "value": 20
    },
    "uVIndexMax": {
        "type": "Number",
        "value": 1.0
    }
}
```


WeatherObserved NGSI-LD key-values Ejemplo

Aquí hay un ejemplo de un WeatherObserved en formato JSON-LD como key-values. Esto es compatible con NGSI-LD cuando se utiliza

```
options=keyValues
```

y devuelve los datos de contexto de una entidad individual.

show/hide example


```
{
    "id": "urn:ngsi-ld:WeatherObserved:Spain-WeatherObserved-
Valladolid-2016-11-30T07:00:00.00Z",
    "type": "WeatherObserved",
    "address": {
        "addressLocality": "Valladolid",
        "addressCountry": "ES"
    },
    "atmosphericPressure": 938.9,
    "dataProvider": "TEF",
    "dateObserved": "2016-11-30T07:00:00.00Z",
    "illuminance": 1000,
    "location": {
        "type": "Point",
        "coordinates": [
            -4.754444444,
            41.640833333
        ]
    },
    "precipitation": 0,
    "pressureTendency": 0.5,
    "refDevice": "urn:ngsi-ld:Device:device-0A3478",
    "relativeHumidity": 1,
    "snowHeight": 20,
    "source": "http://www.aemet.es",
```

```
    "streamGauge": 50,
    "temperature": 3.3,
    "uVIndexMax": 1.0,
    "windDirection": 135,
    "windSpeed": 2,
    "@context": [
        "https://smart-data-models.github.io/dataModel.Weather/
context.jsonld",
        "https://raw.githubusercontent.com/smart-data-models/
dataModel.Weather/master/context.jsonld"
    ]
}
```


TiempoObservado NGSI-LD normalizado Ejemplo

He aquí un ejemplo de un WeatherObserved en formato JSON-LD normalizado. Esto es compatible con NGSI-LD cuando no se utilizan opciones y devuelve los datos de contexto de una entidad individual.

show/hide example


```
{
    "id": "urn:ngsi-ld:WeatherObserved:Spain-WeatherObserved-
Valladolid-2016-11-30T07:00:00.00Z",
    "type": "WeatherObserved",
    "address": {
        "type": "Property",
        "value": {
            "addressLocality": "Valladolid",
            "addressCountry": "ES"
        }
    },
    "atmosphericPressure": {
        "type": "Property",
        "value": 938.9
    },
    "dataProvider": {
        "type": "Property",
        "value": "TEF"
    },
    "dateObserved": {
        "type": "Property",
        "value": {
            "@type": "DateTime",
            "@value": "2016-11-30T07:00:00.00Z"
        }
    },
    "illuminance": {
        "type": "Property",
        "value": 1000
    },
    "location": {
        "type": "GeoProperty",
        "value": {
            "type": "Point",
            "coordinates": [
                -4.754444444,
                41.640833333
            ]
        }
    },
    "precipitation": {
        "type": "Property",
        "value": 0
    },
    "pressureTendency": {
        "type": "Property",
        "value": 0.5
    },
    "refDevice": {
        "type": "Relationship",
        "object": "urn:ngsi-ld:Device:device-0A3478"
    },
    "relativeHumidity": {
        "type": "Property",
        "value": 1
    },
    "snowHeight": {
        "type": "Property",
        "value": 20
    },
```

```
    "source": {
        "type": "Property",
        "value": "http://www.aemet.es"
    },
    "streamGauge": {
        "type": "Property",
        "value": 50
    },
    "temperature": {
        "type": "Property",
        "value": 3.3
    },
    "uVIndexMax": {
        "type": "Property",
        "value": 1.0
    },
    "windDirection": {
        "type": "Property",
        "value": 135
    },
    "windSpeed": {
        "type": "Property",
        "value": 2
    },
    "@context": [
        "https://raw.githubusercontent.com/smart-data-models/
dataModel.Weather/master/context.jsonld"
    ]
}
```


Consulte FAQ 10 para obtener una respuesta sobre cómo tratar las unidades de magnitud.
