

Entidad: WeatherObserved

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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/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 yml details

```

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:
          type: number
        minItems: 2
        type: array
      minItems: 4
      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:
          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:
            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.
Copyright (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-Id: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-Id: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.

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