U.S. Geological Survey - Earthquake Hazards Program

GeoJSON Summary Format

Description

GeoJSON is a format for encoding a variety of geographic data structures. A GeoJSON object may represent a geometry, a feature, or a collection of features. GeoJSON uses the JSON standard. The GeoJSONP feed uses the same JSON response, but the GeoJSONP response is wrapped inside the function call, eqfeed_callback. See the GeoJSON site for more information.

This feed adheres to the USGS Earthquakes Feed Life Cycle Policy.

Usage

GeoJSON is intended to be used as a programatic interface for applications.

Output

```
{
  type: "FeatureCollection",
  metadata: {
    generated: Long Integer,
    url: String,
    title: String,
    api: String,
    count: Integer,
    status: Integer
  },
  bbox: [
    minimum_longitude,
    minimum_latitude,
    minimum_depth,
```

Feeds

Past Hour

Updated every minute.

- Significant Earthquakes
- M4.5+ Earthquakes
- M2.5+ Earthquakes
- M1.0+ Earthquakes
- All Earthquakes

Past Day

Updated every minute.

- Significant Earthquakes
- M4.5+ Earthquakes
- M2.5+ Earthquakes
- M1.0+ Earthquakes
- All Earthquakes

Past 7 Days

Updated every minute.

- Significant Earthquakes
- M4.5+ Earthquakes
- M2.5+ Earthquakes
- M1.0+ Earthquakes
- All Earthquakes

Past 30 Days

Updated every minute.

- Significant Earthquakes
- M4.5+ Earthquakes

```
    maximum longitude,
    maximum latitude,
    maximum depth
  ],
  features: [
    {
      type: "Feature",
      properties: {
        mag: Decimal,
        place: String,
        time: Long Integer,
        updated: Long Integer,
        tz: Integer,
        url: String,
        detail: String,
        felt:Integer,
        cdi: Decimal,
        mmi: Decimal,
        alert: String,
        status: String,
        tsunami: Integer,
        sig:Integer,
        net: String,
        code: String,
        ids: String,
        sources: String,
        types: String,
        nst: Integer,
        dmin: Decimal,
        rms: Decimal,
        gap: Decimal,
        magType: String,
        type: String
      },
      geometry: {
        type: "Point",
        coordinates: [
          longitude,
```

- M2.5+ Earthquakes
- M1.0+ Earthquakes
- All Earthquakes

```
          latitude,
          depth
        ]
      },
      id: String
    },
    …
  ]
}
```