

Vizit Interface

The Vizit Interface is based on GeoJSON. The format below breaks down into 2 distinct sections. The outermost wrapper is a FeatureCollection of epicenters. An epicenter Feature contains a FeatureCollection property of aftershocks. Each epicenter typically belongs to the same dataset, and the aftershocks accompanying a given epicenter belong to a single, separate dataset.

```
{
  "OpenFusion": <version>,
  "type": "FeatureCollection",
  "features": [
    {
      "type": "Feature",
      "geometry": {
        "type": "Point",
        "coordinates": [
          <longitude>,
          <latitude>
        ]
      },
      "properties": {
        "time": <ISO 8601>,
        "text": <string>,
        "image": <Base64 JPEG>,
        "marker": <"Marker"|"CircleMarker">,
        "markerOptions": {<Leaflet Marker/Path Options>},
        "radius": <meters>,
        "radiusOptions": {<Leaflet Circle Options>},
        "related": {
          "type": "FeatureCollection",
          "features": [
            <GeoJSON Feature object>,
            ...
          ]
        }
      }
    },
    ...
  ]
}
```

For example, to display all images from Twitter that users posted within 1km of any point where a thermometer measured 80°, each epicenter would be a temperature reading of 80°, and the corresponding aftershocks would be images within a 1km radius of the associated reading.