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.