

TrafficVis input data API

Application can accept multiple input files at a time.

For stability reasons it's currently best to keep filesize at around 200 MB.

Example of a valid input file:

```
{
  "particles": [
    {
      "col": {
        "r": 166,
        "g": 41,
        "b": 70
      },
      "size": 1.0,
      "z": 0,
      "coordTimes": [
        {
          "lat": 26.597760954276378,
          "lon": 58.4116354611325,
          "t": 0,
          "a": 0.5
        },
        {
          "lat": 26.59774068052767,
          "lon": 58.41163742549226,
          "t": 1000,
          "a": 0.8
        },
        {
          "lat": 26.59772040677897,
          "lon": 58.41163938985203,
          "t": 2000,
          "a": 1.0
        }
      ]
    }
  ]
}
```

File must have outer '{ }' containing **one** „particles“ array, which can have **n** particle objects. Particle object has

- **'col'** particle color, consists of 3 integers (0..255) for each channel.
- **'size'** particle size, floating point number, default is 1.0
- **'z'** particle z value, default is 0
- **'coordTimes'** array containing **n** objects which consist of coordinates, time and alpha value
 - **'lat'** - latitude
 - **'lon'** - longitude
 - **'t'** - „time“, long (in milliseconds)
 - **'a'** - „alpha“, opacity

Don't add comma to the end of an array!

```
[
  {
    ...
  },
  {
    ...
  }, <- wrong
]
```