

Valentine's challenge

Given a center location and a radius in meters, generate a heart shaped geojson polygon. The only requirement is that the shape resembles a heart symbol.

For example given *46.601363, 15.674555* and a radius of 500 meter would create a heart shaped polygon centered on our main office, where the outmost point would be 500 meters away from it.

You can use any programming language, tools, etc..., as long the solution is implemented by you.

Requirements

- a final solution before February 23
- a repository with working code at <http://hydra/wearedevelopers/valentine/{username}-solution>
- a *screenshots* folder with a screenshot taken at geojson.io for the example given above
- a Readme file, with a working link to geojson.io for the example given above

2 bonus points

You get an additional 2 points, if you also create a simple arrow ← line that goes through the center.

3 bonus points

You get an additional 3 points, if you also generate 'Love You' *LineStrings* underneath the heart.

3 bonus points

You get an additional 3 points, if your hearth is in the top 3 most creative hearths. The top 3 most created hearts will be selected by our design team.