Topic : From Database To Browser
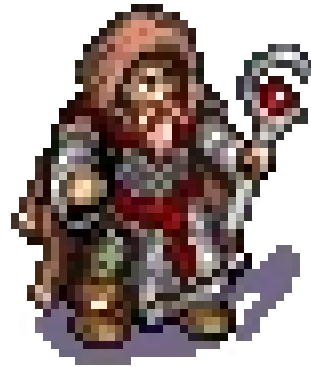
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About the topic

- Change database into geoJSON format
- Show it on your browser via ajax

It's time to change

- Make an event in your previous work of leaflet-cloudmade
  - Add a button
  - Use JQuery
    - Avoid spaghetti code
    - Make your life easier
    - http://jquery.com/
  - Add onclick event
  - Do little things

What's to be changed?

- GeoJSON Layer
  - Clear layers
  - Add a new JSON Feature
  - Change the center view of the map

DB to GeoJSON

- GeoPHP
    - Is a bunch of PHP scripts
    - Need PHP interpreter
    - Need webserver
    - XAMPP
    - Download it here: https://github.com/phayes/geoPHP
    - Feel the awesomeness:
      https://github.com/phayes/geoPHP/wiki/Example-format-con

What is AJAX?

- Your computer is called client
- The service provider is called server
- You send request to server
- Server give you response
- The normal way:
  - Open your favorite website
- The ajax way:
  - Look for something in google.com.
  - You'll get a realtime suggestion
  - Try facebook chat

Why AJAX?

- It's cool
- Quick response
- Doesn't need to refresh the page

Why not AJAX?

- Sometimes overkill

- Hard to code

Why still AJAX?

- JQuery make it easier

Good News

- There will be no class next week
- Enjoy your life

Bad News

- End was near

- Final project should be done
  - Criteria:
    - A Real GIS (Web or Delphi)
      - A Program
      - Interactive (event driven)
      - Show up spatial features
      - Preferably using DB
    - Modeling
      - Google-sketchup + Google-earth
      - Only for non-programmer

Last words

- Pregnant Woman Mistakes
- Last Minute Lover
- Effort
- Understand what you do