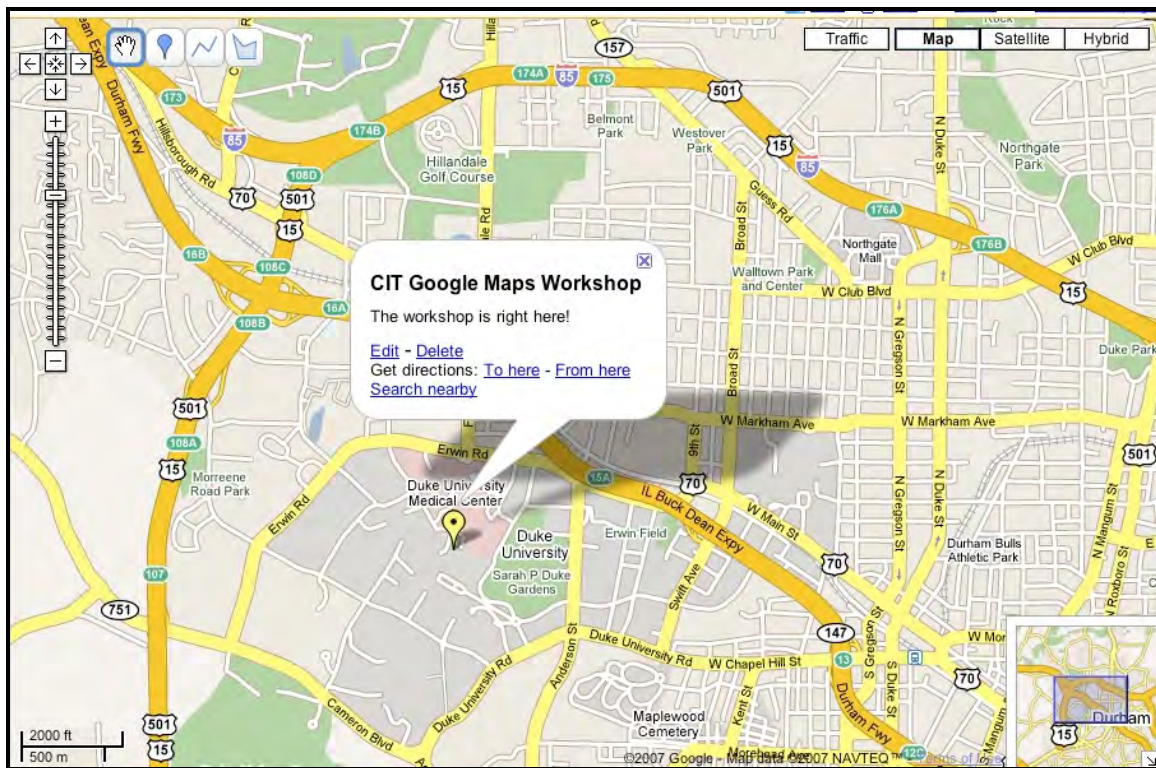


Beyond Driving Directions: Teaching with Google Maps

More Google Maps info available at: <http://cit.duke.edu/tools/web20/gmaps.html>



Goals of this workshop:

- Explain the **basics of Google Maps**
- Provide examples and explanation of easy ways to **create custom maps**
- Provide examples and uses for **advanced mashups**

The Basics

The basic Google Maps application allows you to:

- Search for an address
- Change views
- Plot out driving directions
- View live traffic
- Revise routes and drag directions

For more on these features: http://www.google.com/intl/en_us/help/maps/tour/

Beyond Driving Directions

Things you can do with **Google MyMaps** feature:

- **Create** placemarks, lines and shapes
- Embed **photos** and **video**
- **Share** your custom maps
- Load the maps into **Google Earth**

Google MyMaps User Guide: <http://maps.google.com/support/bin/answer.py?answer=68480>

Suggestions for teaching: ask students to create interactive, map-based stories; identify major land features; have students use GPS devices and/or Google Maps to collect coordinate data to add placemarks and details; etc.

Create a historical timeline/tour. Ex: Queen's Jazz Trail

<http://maps.google.com/maps/ms?ie=UTF8&hl=en&msa=0&msid=103606528309191868443.000435485af434abd3d2b>

Track a presidential candidate. Ex: The John Edwards Mashup

<http://maps.google.com/maps/ms?ie=UTF8&hl=en&msa=0&msid=110686352019443435008.00043649e12b7af5f3451&ll=37.09024,-96.811523&spn=23.999283,58.710938&z=5&om=1>

More Mashups

Google Mapplets provide additional content that can be added to My Maps:

<http://code.google.com/apis/maps/documentation/mapplets/>

Useful mapplets include: an area calculator, a distance measurement tool, real estate searches, a real-time earthquake viewer, and even a wikipedia mapplet.

More mashup examples:

Craigslist Housing Mashup

<http://www.housingmaps.com/>

LA Times Homicide Map

<http://www.latimes.com/news/local/crime/homicidemap/>

Global Incident Mashup

<http://www.globalincidentmap.com/home.php>

Concrete Dialogues (writings about Perth)

<http://dialogues.concrete.org.au/>

Health Map: <http://www.healthmap.org/>

More on mashups:

Google Maps Mania: <http://googlemapsmania.blogspot.com/>

CIT info page: <http://cit.duke.edu/tools/web20/mashups.html>

