

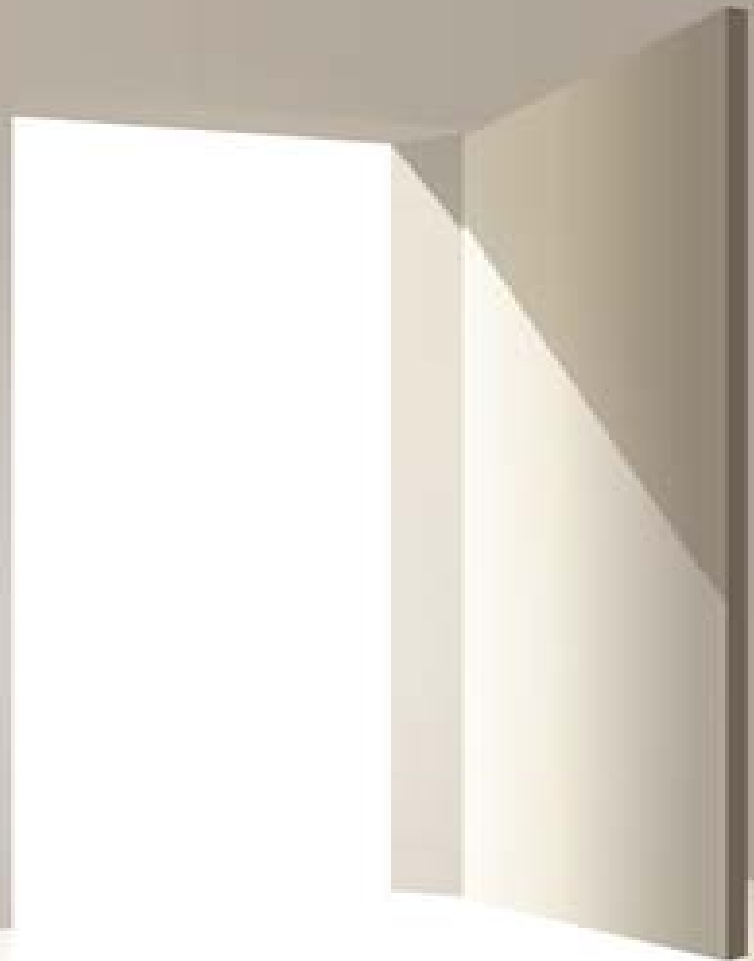
# What does “open” really mean?

**Mike Pumphrey**

**April 15, 2010**

**GIS In Action**

What is open?  
What is free?



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO

*“Where can I meet a man who has forgotten words so I can have a word with him?”*

- Chuang Tzu



**Free:**

*gratis or libre?*

**Free: No charge**  
**Open: Freedom**

Thesis statement in equation form:

$$\begin{array}{r} \text{Open software} \\ + \quad \text{Open data} \\ \hline \text{Benefits for all} \end{array}$$



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO





OPENGEO

<http://opengeo.org>  
1-877-OPENGEO

# A viable business model







# OPENGEO

is...

...a social enterprise

...a “dot.org”

...a division of



## TOPP

The Open Planning Project



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO





# OPENGEO SUITE

Enterprise Edition



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO



# OSGeo

*Your Open Source Compass*



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO

**Trip Planner**

**Plan a Trip**

From:

To:

When: Depart  4:19 am  04/12/2010

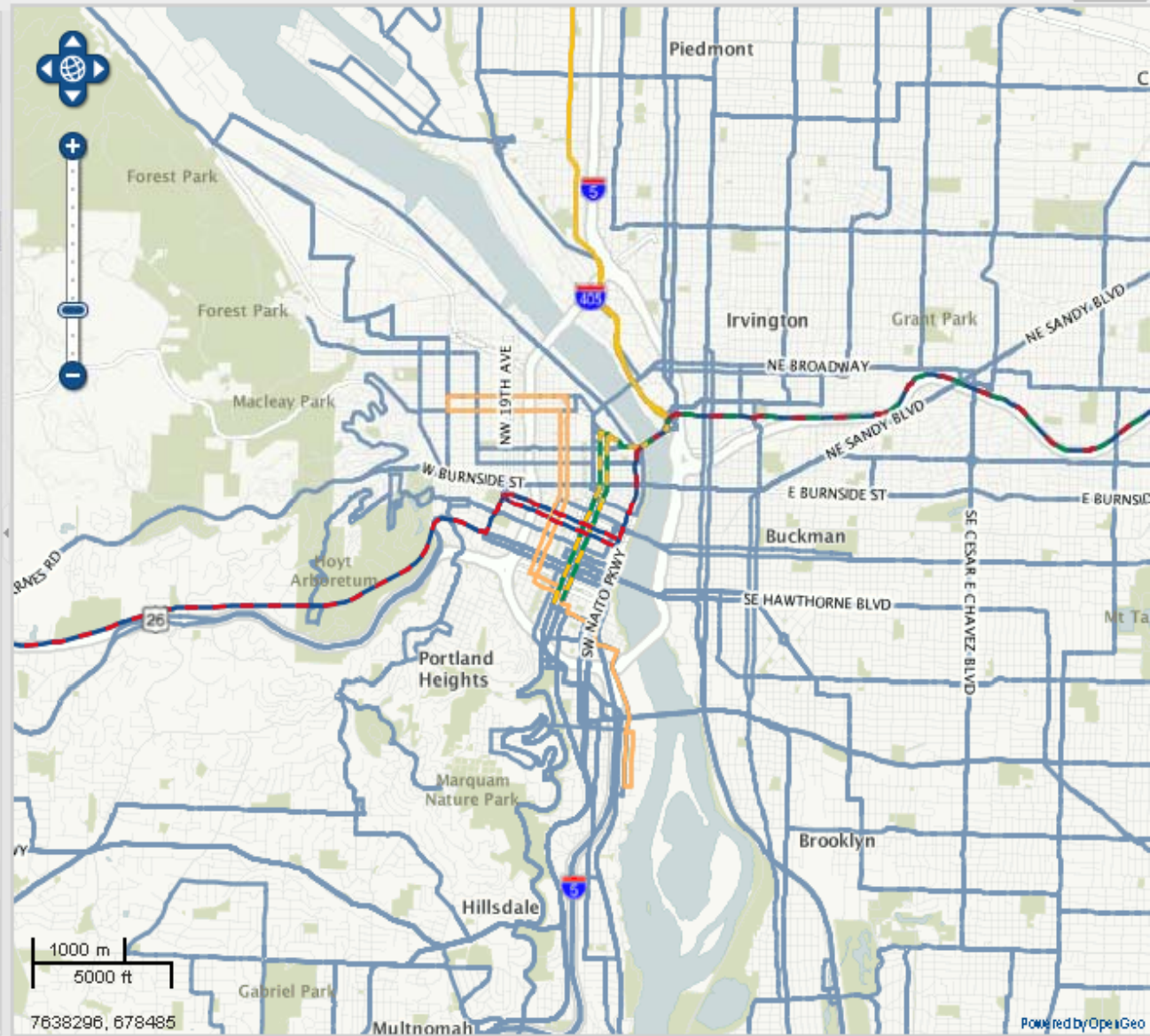
Show me the:  Quickest trip

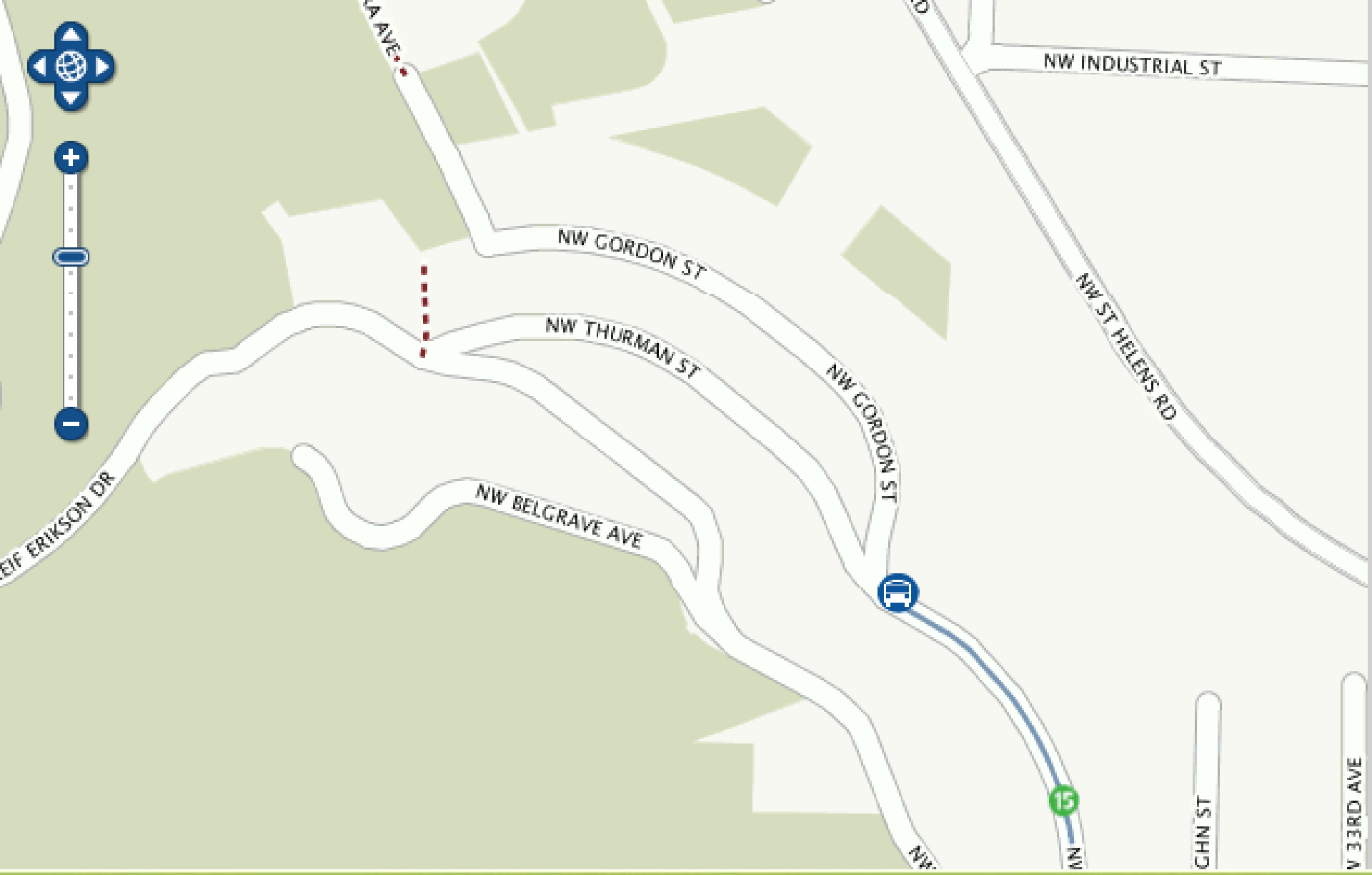
Maximum walk:  1/2 mile

Travel by:  Buses and trains

**Plan Trip**

- Location Search
- TriMet Routes
- Transit Center Locations
- Park & Ride Locations





Another equation:

Open software  
+ Transit agencies

---

A perfect match

Collaborate, don't compete



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO



OPENGEO



OPENGEO

<http://opengeo.org>  
1-877-OPENGEO

\$8,000 vs. \$???,???,???



- Collaboration
- Users
- Control
- Development
- Flexibility
- Security
- Stability
- Sanity

Comes standard with open source.

Open your data.  
Gain hundreds of new employees.  
(and no you don't need to provide them healthcare)

# DATA.GOV

Share | Facebook | Email | Star | Twitter

- HOME
- OPEN GOVERNMENT
- FEDERAL
- STATE/LOCAL/TRIBAL
- SUGGEST DATASETS
- DIALOGUE
- METRICS
- FAQ
- ABOUT

## DISCOVER. PARTICIPATE. ENGAGE.

View the DATA.GOV catalogs:



RAW DATA CATALOG

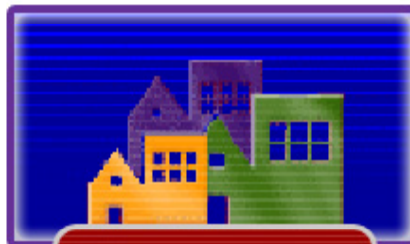


TOOL CATALOG



GEODATA CATALOG

## Real Estate Assessment Center Physical Inspection Scores



**Homes & Communities**  
U.S. Department of Housing and Urban Development

HUD's Real Estate Assessment Center conducts physical property inspections of properties that are owned, insured or subsidized by HUD, including public housing and multifamily assisted housing. The Physical Inspection Scores datasets provide a full historical view of the results of those inspections, providing point-in-time property scores. Results are available for download as a comma-delimited dataset. Separate datasets are available for public housing and for multifamily assisted properties. The results represent the inspections conducted from 2001 through September 2009. The datasets include property identifiers and location information.

[View more](#) +



## Welcome to Data.gov

The purpose of Data.gov is to increase public access to high value, machine readable datasets generated by the Executive Branch of the Federal Government. Although the initial launch of Data.gov provides a limited portion of the rich variety of Federal datasets presently available, we invite you to actively **participate** in shaping the future of

SEARCH   
ADVANCED SEARCH

### ★ New Integrated Search

Data.gov has partnered with **Search.USA.gov** to optimize our website and to take advantage of their



<http://opengeo.org>  
1-877-OPENGEO

# Let your users do the work

## Then:

- Build full infrastructure
- Build consumer services
- Open up data (as an afterthought)

## Now:

- Build internal infrastructure
- Open up data/API
- See what arrives from third parties

# GPS: Thanks, US military





[Home](#) > [Developer Resources](#)

## Developer Resources

### The MTA wants you to build great tools for our riders.

[Access our GTFS data](#)

[MTA Developer Resources \(Google Group\)](#)

[Arts For Transit Resources](#)

Now you can use our schedule data for your website, feed reader, or application. We provide our transit information in the General Transit Feed Specification (GTFS) format.

#### Does it cost to use our data?

Our data feeds are **FREE** for use.

#### Want to use our logos, maps, or symbols?

Use of our intellectual property requires a [license](#). We've put together a simple, easy-to-understand developer package for licensing our identity for use in your project.

#### Why aren't our logos and symbols free for use?

The MTA protects its brand identity and intellectual property on behalf of the public. Revenues generated from licensing

**Congratulations to NYC's BigApps Best Overall Application Grand Prize contest winner, WayFinder NYC.**

WayFinder NYC helps you find "the nearest and best directions to subway and Path stations on your Android phone."

- NYC BigApps Application Gallery and WayFinder NYC info
- Press release announcing the results

#### Featured App

[Exit Strategy NYC](#)





## iNap

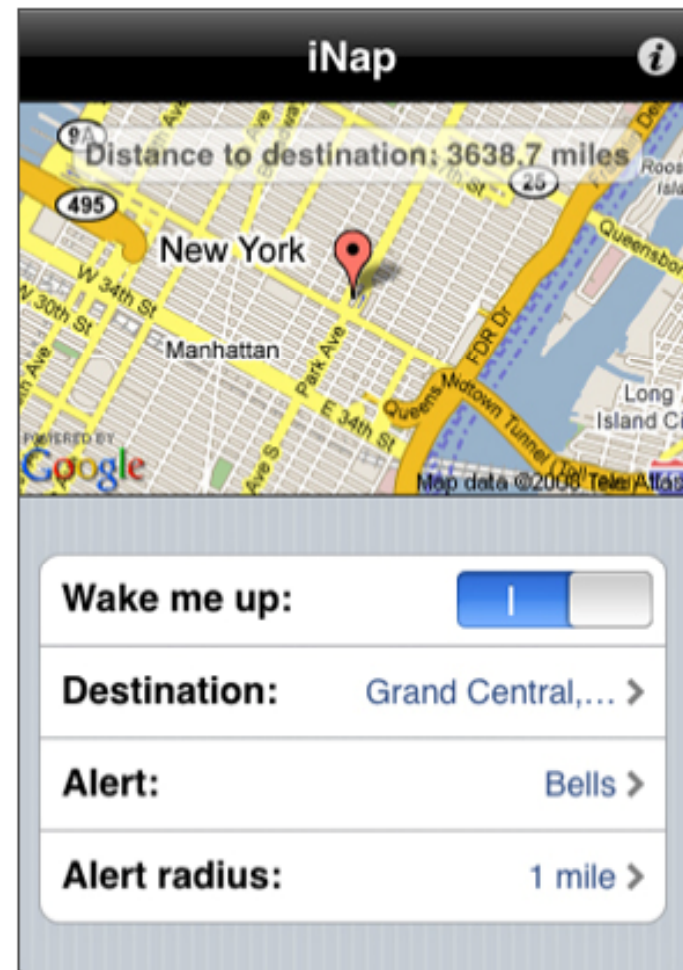
Ever wanted to get some sleep during a train ride, or a quick powernap on the bus to work? You either hoped to wake just in time not to miss your station, or set an alarm to wake you far too early... Let iNap wake you when you get close to your stop!

iNap is a 'next-generation' travel alarm. Using the GPS in your iPhone it will determine where you are, and wake you when you are close to your destination!

Using the integrated user-friendly Google Maps you determine your destination by typing in an address, city, train-station etc. Determine how far from your destination you want to be woken up (100 meters before your destination? 1km? Up to 100km or Miles? iNap is flexible!) and you are ready to take a nap!

### Features:

- iNap will wake you when you get near your destination!
- Integrated Google Maps!
- Use a street-name, city, train-station... anything to set as a destination!
- Get some extra sleep when the train (bus, tram etc.) has a delay!
- Several alarm sounds to wake you! Including a wake-up



Turn your alarm on in iNap's main-screen!



# The industry is catching on

*“The bottom line is to provide the best experience for customers by enabling those who can create new and varied applications with the means to do so.”*

-Richard L Rodriguez  
President  
Chicago Transit Authority

