

Opening TriMet

APTA 2012

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Open View

- Open Data → Apps
- Open Source Software
- Open Collaboration → OpenTripPlanner

Open Data

- Focus on core competency and mission
- Make data equally available to all
- Minimize restrictions
- Free creative apps otherwise unseen
- Facilitates grassroots standards (GTFS)



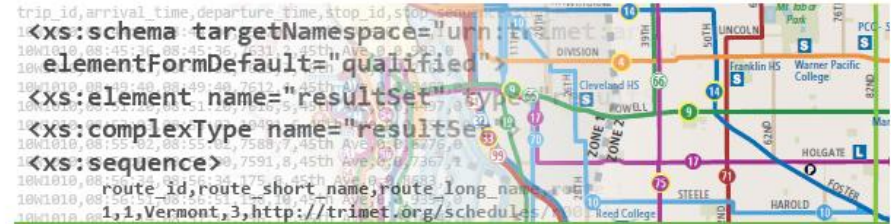
Developer Resources

Promotes use of transit and customer information related to transit

DEVELOPER RESOURCES

- ▶ [Home](#)
- ▶ [GTFS & GTFS-realtime](#)
- ▶ [GIS Data](#)
- ▶ [TimeTable Publisher](#)
- ▶ [Privacy Policy](#)
- ▶ [Registration](#)
- ▶ [Terms of Use](#)
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- ▶ [Web Services Documentation](#)

Developer Resources



TriMet has made resources available to software developers, to promote the use of transit and information related to transit.

At this time these resources include a schedule published in the General Transit Feed Specification (GTFS) format, web services from TriMet's TransitTracker and trip planner systems, and GIS data in shapefile format.

As more resources are made available they will be announced here.

A number of tools developed using TriMet's developer resources are listed [here](#).

GETTING STARTED

We have built a brief list of definitions to [transit terms](#). You may want to read them before working with our data.

To start using our GTFS data you can read about it [here](#) and get it [here](#).

To start using our Web Services feed you must first register for an AppID [here](#).

The Web Services currently available are documented [here](#).

The TimeTable Publisher project is hosted as a [google code](#) project.

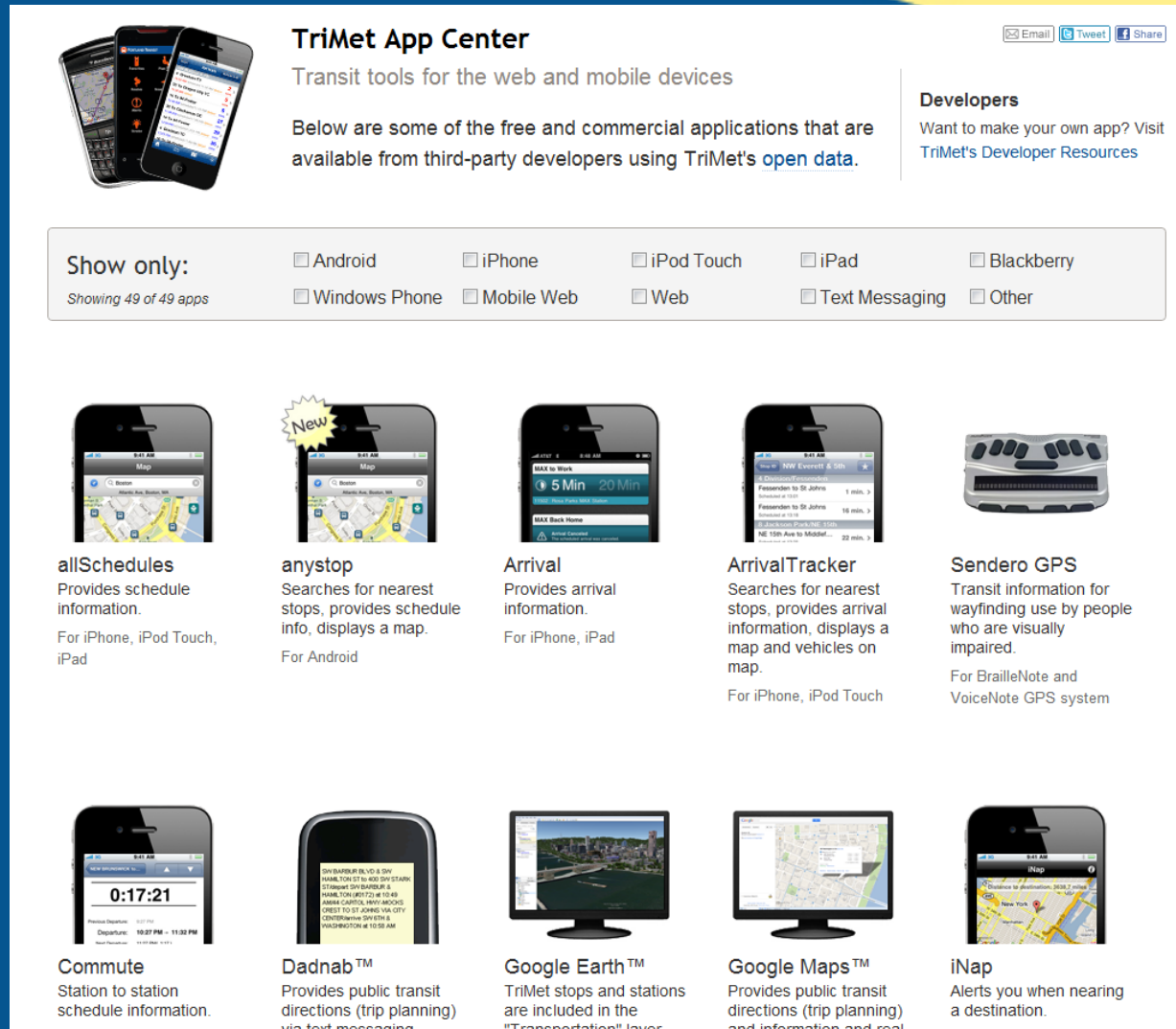
Join the Transit Developer PDX discussion group at [groups.google.com](#).

App Center

50 mark celebration

Criteria for promotion on apps page:

1. Must use our resources (no screen scraping)
2. Must work as it says it does (we test them)



TriMet App Center
Transit tools for the web and mobile devices

Email Tweet Share

Developers
Want to make your own app? Visit TriMet's Developer Resources

Below are some of the free and commercial applications that are available from third-party developers using TriMet's [open data](#).

Show only: Android iPhone iPod Touch iPad Blackberry
 Windows Phone Mobile Web Web Text Messaging Other

Showing 49 of 49 apps

allSchedules
Provides schedule information.
For iPhone, iPod Touch, iPad

anystop
Searches for nearest stops, provides schedule info, displays a map.
For Android

Arrival
Provides arrival information.
For iPhone, iPad

ArrivalTracker
Searches for nearest stops, provides arrival information, displays a map and vehicles on map.
For iPhone, iPod Touch

Sendero GPS
Transit information for wayfinding use by people who are visually impaired.
For BrailleNote and VoiceNote GPS system

Commute
Station to station schedule information.

Dadnab™
Provides public transit directions (trip planning) via text messaging.

Google Earth™
TriMet stops and stations are included in the "Transportation" layer.

Google Maps™
Provides public transit directions (trip planning) and information and real-time arrival information.

iNap
Alerts you when nearing a destination.

Open Source

- Increased presence and reliance
- Real mechanism to share applications
- Support Community is key
- Commercial Support growing

Open Collaboration

- We are not in competition
- Sharing ideas and experiences advances us all
- Move beyond ideas – Collaborate on a product
- OS & OD are key to software collaboration



Open Trip Planner

- 100% Open Source - Worldwide community
- Based on Open Data (GTFS, OpenStreetMap)
- Support options commercially available
- Fosters innovation and competition
- Multimodal feature encourages active transportation, can alleviate last mile problem, can save travel times
- Regional trip planning expansion possibilities

Go by bus, train or bike (or all three).

TriMet's new Map Trip Planner makes it easy to plan trips that combine transit and biking. Explore and print an interactive map of your route, see an elevation chart and get detailed biking/walking directions... all in one place.

New



What's new

Plan a Trip

BEAVERTON TC

4012 SE 17TH AVE

When: Depart 11:04 am 8/6/2012

Travel by: Transit & Bicycle

Show me the: Transit, Bus only, Train only, Walk only, Bicycle only, Transit & Bicycle

Plan a bike+transit trip

BEAVERTON TC

4012 SE 17TH AVE

When: Depart 11:04 am 8/6/2012

Travel by: Transit & Bicycle

Show me the: Custom trip...

Quick: 38%

Flat: 44%

Bike friendly: 18%

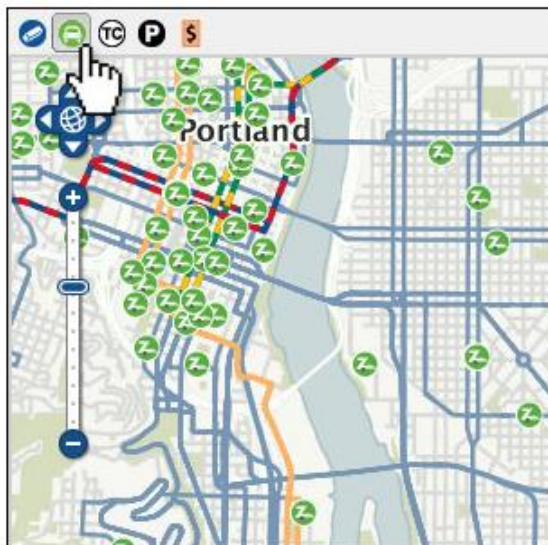
Maximum bike 3 miles

Plan Your Trip

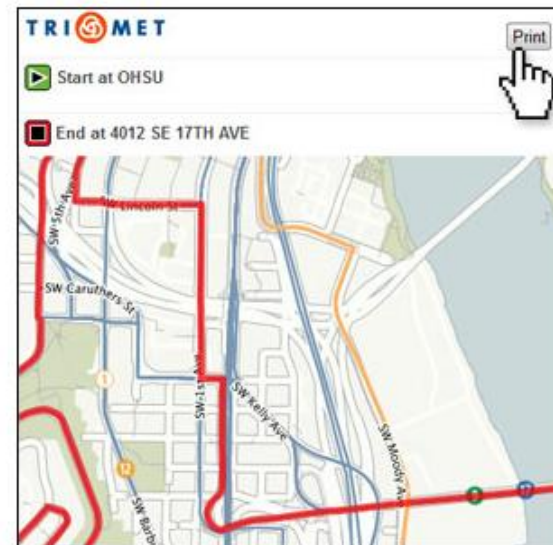
Biking preferences



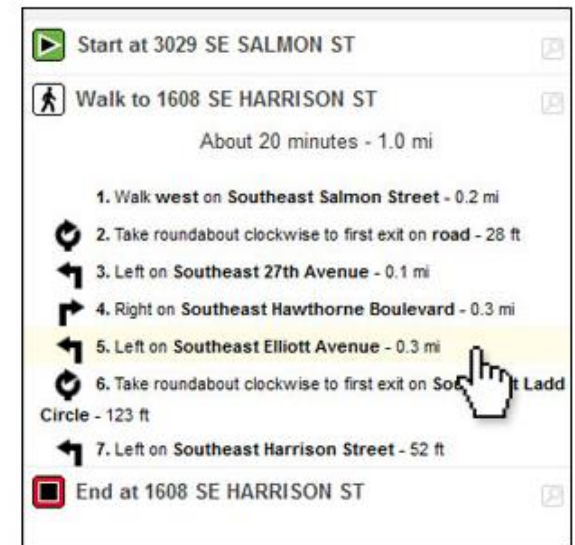
Elevation chart



Fare outlets & car-sharing



Print a map of your trip



Better walking directions

THANK YOU

