Hosting the TRANSIMS Community

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Current Arrangement

▸ Wiki and little-used forum

  ▸ http://www.transims-opensource.net

▸ Executables, source and documentation

  ▸ http://sourceforge.net/projects/transims

▸ Currently used forum

  ▸ http://listserv.tamu.edu/archives/transims-l.html

▸ Older information

  ▸ http://tmip.fhwa.dot.gov/community/user_groups/transims

Problems with Current Arrangement

▸ **Hosting problems with *transims-opensource.net***

  ▸ Dedicated administrator required for disruptions, tech support, and major changes

  ▸ Forums rarely used

▸ **Lack of cohesion**

  ▸ 4 different sites/services used

  ▸ No single, definitive resource

  ▸ Difficult to navigate documentation and support files

▸

Required Elements

▸ **Source Repository**

   ▸ Version-controlled

   ▸ Issue tracking

   ▸ Easy release procedure

   Current solution: SourceForge.net

▸ **Discussion Forum/List**

   ▸ At least 2 groups: users and developers

   ▸ Email notification of posts

   Current solution: Texas A&M listserv

Required Elements

▶ Documentation

  ▶ PDF's for users, editable (MS Word) for developers

  ▶ Version control?

  Current solution: File space on SourceForge site

▶ Wiki

  ▶ Controlled edit access

  ▶ Save-to-HTML for offline use

  Current Solution: DokuWiki on transims-opensource.net

▶ Blog/News

  ▶ RSS/Atom feed desirable

  Current Solution: Project blog on transims-opensource.net

Options Explored

▸ **Move everything to SourceForge**

 ▸ Provides all of the necessary components as add-on services

 ▸ Poor customizability of home page

 ▸ Little integration between components

▸ **Ning.com**

 ▸ Customizable social network service

 ▸ No code repository, poor file storage

 ▸ Unusable for documentation or releases

▸ **Google Code…**

▸

Proposed Hosting: Google / Sourceforge

▸ **Sourceforge**

  ▸ TRANSIMS source / executable repository

▸ **Google Code**

  ▸ Free project hosting service with no ads

  ▸ Source repository (SVN or Mercurial)

  ▸ Discussion forums (via Google Groups)

    ▸ User and developer groups

    ▸ E-mail notification

  ▸ Integrated wiki

  ▸ File storage with deprecation support

▸

Proposed Hosting: Google Code

▸ Advantages

    ▸ Simple, highly customizable interface

    ▸ Easy to maintain

        ▸ No hosting required

        ▸ Multiple access levels for community members

        ▸ Wiki syntax used for page design

    ▸ Easy linking to repository – potentially useful for docs, files

    ▸ Direct integration of Blog feeds on home page (via Atom/RSS)

    ▸ Easy inclusion of outside resources

▸

Proposed Hosting: Google Code

- Disadvantages
  - License: Google does not accept NASA License
    - Leave code on SourceForge?
    - Change license for future versions?
    - Ask Google for an exception?

  - Nonstandard wiki syntax – may cause migration problems

  - No categorization in Google Groups
    - Create separate User and Developer groups

TRANSIMS
Open-Source

tsims-test3
Test site for possible migration of TRANSIMS project

Introduction

The Transportation Analysis and Simulation System (TRANSIMS), is an integrated set of tools developed to conduct regional transportation system analyses. With the goal of establishing TRANSIMS as an ongoing public resource available to the transportation community, TRANSIMS is made available under the NASA Open Source Agreement Version 1.3.

Download

Source code and binaries may be downloaded from the **TRANSIMS SourceForge** site.

Learn

- **TRANSIMS Road Map** - A guide to TRANSIMS process flow, with links to specific components. Recommended for new users.
- **Documentation Index** *(Version 4.0.6)* - All documentation for the current version of TRANSIMS.
- **How-To Guides** - Tutorials for performing specific tasks in TRANSIMS.
- **Case Studies** - Information on real-life applications of TRANSIMS.

Support

- **TRANSIMS User Group** - For questions about setting up and using TRANSIMS.
- **TRANSIMS Developer Group** - For questions about contributing to or modifying TRANSIMS

Project News

NEXTA second beta available!
Oct 1, 2009

Xuesong Zhou at the University of Utah has made available the second beta release of NEXTA for TRANSIMS. NEXTA ...

Site Changes
Jun 15, 2009

Welcome to the new site! There were a lot of upgrades and changes behind the scenes, including a new hosting company. T...

Search projects

Activity: High

Code license:
GNU General Public License v3

Labels:
TEST

Featured wiki pages:
CaseStudies
MainPage
RoadMap
Show all »

Blogs:
tsims-test blog

Feeds:
Project feeds

Groups:
Test Group User Group Developers Group

Owners:
mike.r...@gmail.com,
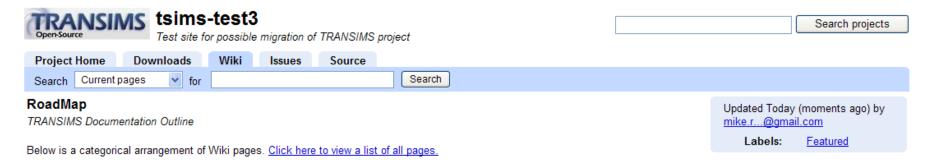Scott.Sm...@dot.gov, brigardner

Committers:
travis....@dot.gov

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scottsm...@alum.mit.edu,
michael....@dot.gov

People details »

tsims-test3
Test site for possible migration of TRANSIMS project

| **Project Home** | **Downloads** | **Wiki** | **Issues** | **Source** |

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RoadMap
TRANSIMS Documentation Outline

Below is a categorical arrangement of Wiki pages. Click here to view a list of all pages.

Updated Today (moments ago) by
mike.r...@gmail.com

Labels: Featured

Setting up the model

Creating the Network

Programs: TransimsNet (QR, Full), IntControl (QR, Full), Progression (QR), GISNet (QR), Network Editor

Other references: Installation and Testing How-To (New), Installation and Testing (New), Network Tables, Highway Network How-To (New), Network Edit How-To, Version 3 Network Description, Network Editor Guide (Location?)

Creating the Trip Tables and Activity Locations

Programs: ConvertTrips (QR, Full), SmoothData, SmoothPlans, LocationData (QR)

Other references: Highway Network How-To, Trip Table-How To, Version 3 Network Description

Running the model

Using Python with TRANSIMS

Programs: Python, RunSetup (QR) References: GBNRTC Script (Location?)

Router Stabilization Phase

Programs: Router (QR, Full), PlanPrep (QR), PlanSum (QR), PlanSelect (QR) References: Router and Router Feedback How-To

Search projects

| Project Home | Downloads | Wiki | Issues | Source |

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DocumentationIndex

Below is a listing of all documentation for TRANSIMS v4.0.6

Change Log: changelog_ 4.0.5_to_4.0.6.1.pdf

Program	Quick Reference	User Manual
ActGen	ActGen QR.pdf	ActGen v4.0.pdf
ActivityPattern	ActivityPattern QR.pdf	
AdjustPlans	AdjustPlans QR.pdf	
ArcDelay	ArcDelay QR.pdf	
ArcDiff	ArcDiff QR.pdf	
ArcNet	ArcNet QR.pdf	ArcNet v4.0.pdf
ArcPlan	ArcPlan QR.pdf	ArcPlan v4.0.pdf
ArcProblem	ArcProblem QR.pdf	
ArcRider	ArcRider QR.pdf	
ArcSnapshot	ArcSnapshot QR.pdf	
ConvertTrips	ConvertTrips QR.pdf	ConvertTrips v4.0.pdf
Emissions	Emissions QR.pdf	
EnhanceNet	EnhanceNet QR.pdf	
EventSum	EventSum QR.pdf	
GISNet	GISNet QR.pdf	
IntControl	IntControl QR.pdf	IntControl v2.2.pdf

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Test site for possible migration of TRANSIMS project

Search projects

Project Home   **Downloads**   **Wiki**   **Issues**   **Source**

Search Current pages for [ ] Search

HowToIndex
Tutorials for performing specific tasks in TRANSIMS

How To:

Install and test the software

Prepare 2000 US Census data and generate a synthetic population

Generate activities for a synthetic population

Develop a highway network

Develop a transit network

Edit a TRANSIMS network

Use trip-tables in TRANSIMS

Generate routes including microsimulator and router integration

Use the microsimulator

► Sign in to add a comment

CaseStudies
This page contains links to TRANSIMS case studies

TRANSIMS Case Studies

TRANSIMS Buffalo

In 2007-2009, the Volpe Center worked with the Greater Buffalo Niagara Regional Transportation Council to develop an integrated planning / simulation model of the Buffalo / Niagara Falls area. This was a track 1, trip-table based implementation of TRANSIMS that used the Router and subarea Microsimulation. The planning model encompasses the U.S. side of the entire region, while the subarea microsimulation component includes much more detailed modeling of the I-190 corridor, including the Lewiston-Queenston Bridge. Areas of investigation included border crossing delay, toll delay and the impact of increased truck traffic.

Scoping Study Presentation: http://www.thetbwg.org/meetings/200610/ScottSmith.ppt

Project Report: ..to be uploaded..

A second project

In **dates**, **who** did **what**. This was a **xxx** type of TRANSIMS implementation. Areas of investigation included **yyy**.

Project Report:

A third project

Google groups

Home

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More information may be found at http://code.google.com/p/tsims-test3
TRANSIMS may be downloaded from SourceForge: http://sourceforge.net/projects/transims/

This is the users discussion group. For developers, there is http://groups.google.com/group/transims_dev

Basic information is available to all site visitors. You must be a member of the group to post or reply to a discussion item.

Discussions 7 of 20 messages   view all »

Charm School: Guidelines for Posting

By Scott - Jan 25 - 1 author - 0 replies
TransimsNet not making use of shape information
By Scott - Mar 22 - 2 authors - 2 replies
View this page "Listserv Archive 2010-January"
By Scott - Feb 24 - 1 author - 0 replies
Setting up the TRANSIMS User Group on Google Groups
By Scott - Feb 22 - 1 author - 0 replies
GISNet not producing shape information for some links
By Scott - Feb 3 - 2 authors - 1 reply
Sub Areas
By Scott - Feb 1 - 3 authors - 4 replies
View this page "SandBox"
By Scott - Feb 1 - 2 authors - 1 reply

Report this group   XML   Send email to this group: transims_ug@googlegroups.com

HOME

DISCUSSIONS

About this group
Apply for group membership

Sponsored links

Nexus One By Google
Buy Just The Phone Or With A Plan From T-Mobile. Buy Online Today!
www.google.com/phone

Short Films by Honda
What is the future of mobility? Honda asks today's great thinkers.
www.honda.com

Traffic simulation at MIT
Short course on traffic simulation transportation networks. Aug 2.
shortprograms.mit.edu

Group info

Members: 9
Group categories: Not categorized

More group info »

Discussion Topics

- Leave the code on Sourceforge or migrate to Google?

  - Issue: license restriction on Google

- Documentation. Two needs

  - Downloadable current copy (where should it reside?)

  - Wiki

- What goes on the front page

  - Download, Documentation, Discussion, News Feed

- Anything big missing?

http://code.google.com/p/tsims-test3/