

# **Open-Source Software, Open Everything in the NY Senate**

**Andrew Hoppin  
CIO, NY State Senate**



**OFFICE OF THE CIO**  
NEW YORK STATE SENATE

# Mission

The Office of the CIO's mission is to strategically leverage technology and information in order to:

- **TRANSPARENCY:** create a more transparent legislature,
- **EFFICIENCY:** enable Members to serve constituents in a more effective and efficient manner,
- **PARTICIPATION:** provide New Yorkers with the means to take a more participatory role in their State government,



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# Rationale

- **Cost Savings (no license fees)**
- **Innovation (leverage of community-built software)**
- **Speed to Deployment (clone product a peer has created)**
- **No Vendor Lock-In (hire anyone to work on it)**
- **Recruit Talent (top developers like to work with F/OSS)**
- **Leverage Tax Dollars (share our code to benefit others)**



# Used in NYSenate For

- **Server Software (Linux, Apache)**
- **Databases (MySQL)**
- **Programming Languages (PHP, Java)**
- **Platforms / Applications:**
  - **Content Management: Drupal, WordPress**
  - **Relationship Management: SugarCRM or CiviCRM**
  - **Task Tracking: RedMine, TRAC, OpenAtrium**



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# NYSenate.gov (Drupal)

The screenshot shows the homepage of the New York State Senate website. At the top left is the New York State Senate logo. To the right, there are links for "LOGIN OR REGISTER" and a search bar with a "GO" button. A navigation menu below the header includes: SENATORS, COMMITTEES, ISSUES & LEGISLATION, OPEN DATA, ABOUT, PHOTOS & VIDEOS, NEWSROOM, and BLOG.

On the left side, there are three main sections:

- FIND MY SENATOR:** Includes input fields for "Your Street Address" and "Zip", and a "SUBMIT" button.
- SIGN UP FOR SENATE UPDATES:** Includes input fields for "Email", "Zip", and "Mobile", and a "SUBMIT" button.
- FIND THE NY SENATE ONLINE:** Features social media icons for RSS, Twitter, and Facebook.

The main content area features a large photograph of the New York State Capitol building. Below the photo is a blue banner with the text "A Public Trust: The Senate Seeks Your Ideas On Ethics Reform" and a "MORE STORIES" link with a right-pointing arrow.

At the bottom, there are two columns of content:

- THIS WEEK IN THE SENATE:** A list of events:
  - Jun 01: Housing, Construction & Community Development Committee Meeting
  - Jun 02: Standing Committee on Transportation Meeting
  - Jun 03: Local Government Committee Meeting
- HAPPENING NOW...:** Includes sub-sections for "PRESS RELEASES", "BLOGS", and "NEWS CLIPS". A featured article includes a small photo of Senator Andrea Stewart-Cousins and the text: "Local Government Consolidation Measure Takes First Major Step: Senator Andrea Stewart-Cousins Introduces and Advances Attorney General's Program Bill in Senate with Bipartisan Support".

# Data (WordPress)



NEW YORK STATE SENATE

**NYMTASOLUTIONS.ORG**

MTA BUDGET INFO 2009

Search

[ABOUT](#)

[HOME](#)

[PRESS ROOM](#)

[SECTIONAL BILL SUMMARY](#)

[SENATE MTA PROPOSAL](#)

[THE BILL](#)

[NY SENATE HOMEPAGE](#)

Search for:

Search

You are currently browsing the NYMTASolutions.org blog archives for the year 2009.

## PAGES

[About](#)

[Home](#)

[Press Room](#)

[Sectional Bill Summary](#)

[SENATE MTA PROPOSAL](#)

[The Bill](#)

## ARCHIVES

[March 2009](#)

## CATEGORIES

[Data \(6\)](#)

[Main \(3\)](#)

## NET OPERATING INCOME/(DEFICIT) (\$MILLIONS)

	2007	2008	2009	2010	2011	2012
New York City Transit	-\$4291	-\$4697	-\$4524	-\$4517	-\$4777	-\$5035
Bridges and Tunnels	763	726	892	973	950	938
Metro-North Railroad	-587	-644	-667	-686	-724	-760
Long Island Rail Road	-887	-958	-940	-918	-954	-996
MTA Bus Company	-331	-359	-341	-338	-354	-370
MTA Headquarters	-336	-336	-378	-381	-419	-416
Long Island Bus	-87	-88	-77	-81	-85	-88
Staten Island Railway	-34	-43	-48	-43	-43	-46
First Mutual Transportation Assurance Company	11	-0	-2	-4	-7	-5
Other	-27	9	-69	-74	-74	-73
	-\$5807	-\$6390	-\$6153	-\$6069	-\$6488	-\$6850

# CRM?

Home Search... Contacts Cases Events Mailings Reports Administer Help

 **NEW YORK STATE SENATE** [LOGIN OR REGISTER](#)

Search

SENATORS COMMITTEES ISSUES & INITIATIVES LEGISLATION & OPEN SENATE ABOUT PHOTOS & VIDEOS NEWSROOM

### RECENT ITEMS

- Jonathan Maxwell
- Brian Shaughnessy
- Roberto Anthony
- Lester Randolph
- Brian Shaughnessy
- Mr George Flynn
- Ms Brenda Revna
- Blathdan Family
- Richard Blathdan

### NEW INDIVIDUAL

First Name:

Last Name:

Email:

### FIND CONTACTS

Name or Email  is...  in  with

Name or Email  is...  in  with

**119 Results** Tagged IN S.1234 Against [Advanced Search](#)  
[Select Records:](#)  All 119 records  Selected records only [Search Builder](#) [?](#)

Contact 1 - 50 of 119 [Next >](#) [Last >>](#) Page  of 3

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All

<input type="checkbox"/>		Name	Address	City	State	Postal	Country	Email	Phone	Action
<input checked="" type="checkbox"/>		Adams, Henry	203 Washington Ave	Albany	NY	12210	United States		518-123-4576	<a href="#">View</a>   <a href="#">Edit</a>   <a href="#">more</a>
<input checked="" type="checkbox"/>		Adams, Henry	253 Washington Ave	Albany	NY	12210	United States		518-123-4577	<a href="#">View</a>   <a href="#">Edit</a>   <a href="#">more</a>
<input checked="" type="checkbox"/>		Adams, Michelle	223 Washington Ave	Albany	NY	12210	United States		518-123-4574	<a href="#">View</a>   <a href="#">Edit</a>   <a href="#">more</a>
<input checked="" type="checkbox"/>		Adams, Michelle	59 Central Ave	Albany	NY	12210	United States		518-234-5684	<a href="#">View</a>   <a href="#">Edit</a>   <a href="#">more</a>

# Task Tracking (RedMine)

Home My page Projects Administration Help

Logged in as ho

## Public Website

Search:

Overview Activity Roadmap **Issues** New issue News Documents Files Settings

✓ Successful update.


### Bug #384

 Update  Log time  Unwatch  Copy  Move  Delete


#### Legislation Search doesn't return results for Senator last names?



Added by Andrew Hoppin 7 days ago. Updated less than a minute ago.

<b>Status:</b>	Feedback	<b>Start:</b>	September 16, 2009
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned to:</b>	 Jim Bell	<b>% Done:</b>	<input type="text" value="0"/> 0%
<b>Category:</b>	-	<b>Spent time:</b>	-
<b>Target version:</b>	-		
<b>Senate Office:</b>		<b>Senate Contact Name:</b>	
<b>Senate Phone Numer:</b>			

#### Description

 Quote

<http://www.nysenate.gov/legislation/search/krueger> returns no results, whereas  <http://open.nysenate.gov/openleg/api/html/sponsor/krueger> turns many results...

#### Related issues

Add

# News 2.0



**The NY Senate News Clips: *BETA*** *Online news from the last twenty-four hours...*

[Home](#) | [Senator Names](#) | [Daily Topics](#) or **search any keyword**

*Due to this being an automated search result, there is a small chance that a false match can be made to a person with a similar name to one of the Senators.*

Timestamp: Jun 1, 2009 12:56:35 AM | [save to disk](#)

Clips Found: [Majority Leader Malcolm A. Smith\(2\)](#) [Senator Bill Perkins\(2\)](#) [Senator Diane Savino\(1\)](#) [Senator William T. Stachowski\(1\)](#) [Senator Andrew Lanza\(1\)](#) [Senator George H. Winner Jr.\(1\)](#) [Governor David A. Paterson\(2\)](#)

## Senate Majority Conference

### Majority Leader Malcolm A. Smith

- [It Came from the Blogosphere..., No Land Grab](#)
- [Bruce Ratner to Get New Deal From the MTA, Only the Blog Knows Brooklyn](#)

### Senator Bill Perkins

- [It Came from the Blogosphere..., No Land Grab](#)
- [Atlantic Yards: Costing YOU Money in Two New Ways!, The Daily Gotham](#)

### Senator Diane Savino

- [Staten Island first stop for bus touting mayoral control of schools, SILive.com](#)

### Senator William T. Stachowski

- [Bill Stachowski Getting Hammered On Drug Law "Reform", Monroe Rising](#)

## Senate Minority Conference

### Senator Andrew Lanza

# Open Everything

- **Software (e.g.: LAMP, Drupal)**
- **Data (e.g.: legislative data)**
- **Standards (e.g.: schema, taxonomy for legislative data)**
- **Copyright (e.g.: Creative Commons)**
- **Community (e.g.: sharing via unconferences, developer code sprints)**



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# Open-Source (Code)



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**nysenatecio**

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message

Name: NY Senate CIO Office  
Email: [freitas@senate.state.ny.us](mailto:freitas@senate.state.ny.us)  
Website/Blog: <http://open.nysenate.gov>  
Company: NY Senate  
Location: Albany, NY  
Followers: 33  
Public Repos: 3  
Member Since: Jun 10, 2009

## Newsclips

Daily newsclips service built for the NY Senate using the Daylife.com API

Updated June 11, 2009

all commits ■ commits by owner

52 week participation

## OpenLeg

Open Legislation Tools for the NY Senate

Updated June 11, 2009

## Following



## Public Activity

-  **nysenatecio** started watching **nurey/disclosed** June 22, 2009  
disclosed's description:  
Source code and raw data via Canadian Federal Government Proactive Disclosure including procurement contracts
-  **nysenatecio** added **kzalewski** to **OpenLeg** June 12, 2009  
OpenLeg is at [nysenatecio/OpenLeg](#)
-  **nysenatecio** added **kzalewski** to **Newsclips** June 12, 2009  
Newsclips is at [nysenatecio/Newsclips](#)
-  **nysenatecio** added **offlein** to **SenateDrupal** June 11, 2009  
SenateDrupal is at [nysenatecio/SenateDrupal](#)
-  **nysenatecio** added **natdefreitas** to **SenateDrupal** June 11, 2009  
SenateDrupal is at [nysenatecio/SenateDrupal](#)
-  **nysenatecio** added **natdefreitas** to **Newsclips** June 11, 2009

# Open Data

[SENATORS](#)[COMMITTEES](#)[ISSUES & INITIATIVES](#)[LEGISLATION & OPEN SENATE](#)[ABOUT](#)[PHOTOS & VIDEOS](#)[NEWSROOM](#)

## OPEN DATA SEARCH FORM

The documents, facts, figures, and reports that affect the processes, or are a result of the processes, of the New York Senate.

### Keywords:

### Select date range:

Creation Date

Post Date

### Select file types:

CSV

TXT

PDF

XLS

DOC

Search only for documents with these filetypes.

### From:

Format: 09/21/2009

### To:

Format: 09/21/2009

### Categories:

All Categories

Absentee Voting

Agencies

Aging

### Committees:

Aging

Agriculture

Banks

Budget and Tax Reform

## OPEN DATA RESULTS (displaying 1 through 9 of 9 total items)

Having trouble finding what you're looking for? Check [Open Legislation](#). What's the difference?

Created	Posted	Title	Category	Committee	Senator	CSV	TXT	PDF	XLS	DOC
09/16/09	09/18/09	Payroll Report - End Date 09/16/09	Finance			X		X		
09/02/09	09/18/09	Payroll Report - End Date 09/02/09	Finance			X		X		

# Open Legislation (Feeds, API)



**The NY Senate Open Legislation Service** *Search, APIs, and more for the NY Senate & Assembly*

[Open.NYSenate.Gov](#) | [OpenLeg Search & Browse](#) | [OpenLeg API Docs](#) | [NY Senate Home](#)

Search by bill number, sponsor, committee or keyword:

## Recent Actions

**[S4590A](#)** Jun 26, 2009 AMEND (T) AND RECOMMIT TO CIVIL SERVICE AND PENSIONS  
Sponsor: [MAZIARZ](#) Committee: [CIVIL SERVICE AND PENSIONS](#)  
Grants Dennis P. Morris credit in the New York state and local employees' retirement system

**[S3324C\(Same as: A7832-B\)](#)** Jun 26, 2009 AMEND AND RECOMMIT TO EDUCATION  
Sponsor: [STEWART-COUSINS](#) Committee: [EDUCATION](#)  
Establishes a maximum temperature in school buildings and indoor facilities

**[S5374B](#)** Jun 26, 2009 AMEND AND RECOMMIT TO INSURANCE  
Sponsor: [KLEIN](#) Committee: [INSURANCE](#)  
Provides an exemption to certain provisions relating to risk-based capital for property/casualty insurance companies and to financial regulation of medical malpractice; repealer

**[A1065](#)** Jun 26, 2009 enacting clause stricken  
Sponsor: [Destito](#)  
Requires fees for completed applications for certification of major utility transmission facilities

**[A8741B](#)** Jun 26, 2009 amend and recommit to health  
Sponsor: [Paulin](#)  
Relates to causes of action against certain businesses arising in connection with the AED

**[A8482B](#)** Jun 26, 2009 amend (t) and recommit to ways and means  
Sponsor: [Perrv](#)

## Browse by sponsor:

[Adams \(97\)](#)  
[Addabbo \(66\)](#)  
[Alesi \(68\)](#)  
[Aubertine \(86\)](#)  
[Bonacic \(55\)](#)  
[Breslin \(125\)](#)  
[Budget bill \(14\)](#)  
[Budget \(14\)](#)  
[Defrancisco \(103\)](#)  
[Diaz \(81\)](#)  
[Dilan \(87\)](#)  
[Duane \(123\)](#)  
[Espada \(32\)](#)  
[Farley \(42\)](#)  
[Flanagan \(123\)](#)  
[Foley \(93\)](#)  
[Fuschillo \(61\)](#)  
[Golden \(132\)](#)  
[Griffo \(61\)](#)  
[Hannon \(28\)](#)  
[Hassell-thompson \(189\)](#)  
[Huntley \(63\)](#)  
[Johnson c \(144\)](#)  
[Johnson c \(42\)](#)

# Open Standards



## Publishing Open Government Data

W3C Working Draft 8 September 2009

### Table of Contents

- [Straightforward Steps to Publish Government Data](#)
- [Open Data Gives Real Power to the People](#)
  - [Identify](#)
  - [Document](#)
  - [Link](#)
  - [Preserve](#)
  - [Expose Interfaces](#)
  - [Create Standard Names/URIs for All Government Objects](#)
- [Choosing What Data to Publish](#)
- [Choosing the Right Format for the Data](#)
- [Restrictions on the Use of the Data](#)
- [Learn More](#)
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### Straightforward Steps to Publish Government Data

**STEP 1:** The quickest and easiest way to make data available on the Internet is to publish the data in its raw form (e.g., an XML file of polling data from next

# Open Content



NEW YORK  
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OPEN DATA

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BLOG

## FIND MY SENATOR:

Your Street Address

Zip

SUBMIT

## SIGN UP FOR SENATE UPDATES:

Email

Zip

Mobile

SUBMIT

## COPYRIGHT POLICY

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# Open Community (unconferences)



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barcamp

VIEW EDIT

## CapitolCamp

last edited by Andrew Hoppin 1 wk ago

A photograph of the New York State Capitol building in Albany, NY. The building is a large, ornate structure with a red-tiled roof and multiple towers. In front of the building is a large, circular green lawn and a paved plaza. A statue on a pedestal is visible in the foreground.

### CapitolCamp NY

[New York State Capitol, Albany, NY \(Directions\)](#)

Friday, 5th June 2009

From 10:30 am till 6:00 pm

# Followup

Twitter.com/ahoppin

Twitter.com/NYSenateCIO

NYSenate.gov/department/cio

[Hoppin@Senate.State.NY.US](mailto:Hoppin@Senate.State.NY.US)

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