



# BellaDati Embedding Options

Whitelabeling, iFrames, API, SDK, SSO, Federated Login, CAS, User directories



# Whitelabeling

- **Whitelabeling**
  - Customized CSS stylesheet
  - Customized logo and login page
  - Customized email layout and templates
  - Customized PDF exports
- **Example:**
  - ClickRest: <http://app.clickrest.com.tr>

# Whitelabeling example



CLICKREST

Folders

Dashboards

Reports

Data sets

Users

Domains

Settings



Search...



Micros Today (Timely)

More...

Edit

Share

Export

Variables

Comments

History

Daily Revenue



Today

13,899

Yesterday

12,189

Daily Checks



Today

454

Yesterday

400

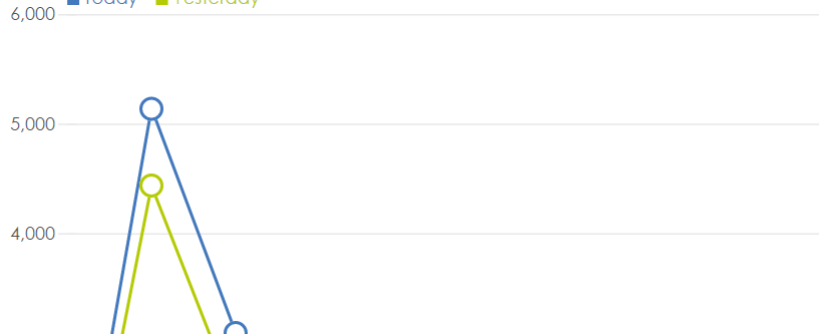
Revenue Today vs Yesterday



Hour

Today, Yesterday

Today Yesterday



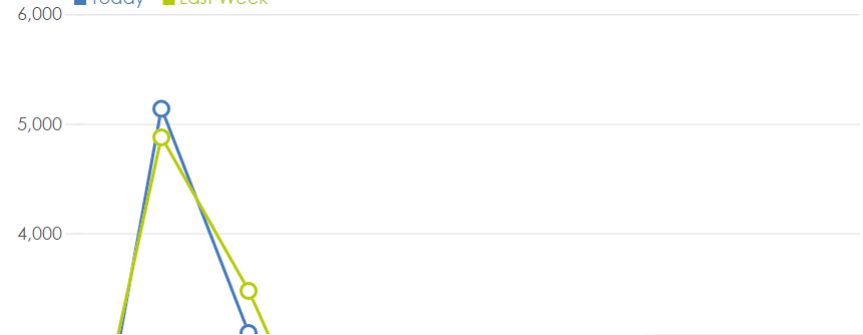
Revenue Today vs Last Week



Hour

Today, Last Week

Today Last Week



# Embedding using iFrames

- Particular charts or entire dashboard
- Anonymous or authenticated mode
- Single-Sign-On supported
- URL signatures
- URL parameters passing for filtering

# Embedding using iFrames

**BellaData** Folders Dashboards Reports Data sets Users Search...

Export view

Export type

- PDF
- PNG
- HTML (selected)

Existing embeds

ing. Lubomir Mičko show as external page Authentication required

```
<iframe style="border: 1px solid silver; width: 500px; height: 300px;" src="https://service.belladati.com/en/bi/report/view/embedded/9785dc3079f2036674b1e50c585b89ab" ></iframe>
```

Small (250x180) Medium (500x300) Wide (fits window width)

Authentication required  Create new embed

TC085 HS013 YC115 CS005

采购价浮动 Top10

物

6100-260100-0
6100-16P120-0
6100-16P120-0
6100-16F110-0
6100-16F020-0
6100-16E110-0
6100-16A110-C
6100-16A110-C
6100-150101-1
6100-139100-0

广东省 5,000,000

浙江省 4,000,000

江西省 3,000,000

湖北省

吉林省

03/2014 04/2014 05/2014 06/2014 07/2014 08/2014 09/2014 10/2014 11/2014 12/2014

1,00 1,10 1,20 1,30 1,40 1,50 1,60 1,70 1,80

Edit Fullscreen

大类产品采购金额Top5

采购总金额 [元]

电源适配器

附件

生产辅料

# Web portal with iFrames

Canadian ETF industry assets under management stand at \$84.0 billion as of August 2015, a decrease of \$1.7 billion or 2.0% over last month. The decrease was driven by market movements of -\$2.9 billion and inflows of \$1.2 billion.

Largest Dollar Growth Canadian Fixed Income contributed 39% to the total inflows for the month. While Largest Dollar Decrease Canadian Large-Cap Equity contributed -9% to the total outflows for the month.

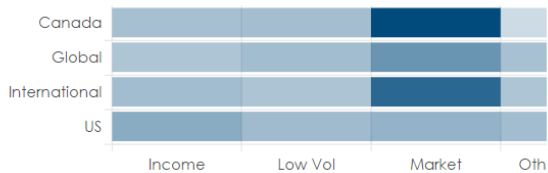
BMO ETFs reported AUM at \$22.6 billion, down \$259.0 million and, up \$3.8 billion year-to-date for a total market share of 26.9%, with inflows of \$620 million, led by ZUE, ZEA and ZIC.

Provider	AUM [\$M]	Market Share [%]	# ETFs	Month over Month		Year to Date	
				Change [\$M]	Flows [\$M]	Change [\$M]	Flows [\$M]
<b>BMO</b>	\$22,603.2	26.9%	59	↓ -\$259.1	\$620.6 ↑	\$3,847.0	\$4,294.5
Vanguard	\$5,490.5	6.5%	21	↑ \$3.2	\$253.4 ↑	\$1,814.3	\$1,805.0
iShares	\$44,429.9	52.9%	101	↓ -\$1,413.3	\$130.9 ↓	-\$880.9	\$956.2
Horizons	\$4,683.9	5.6%	70	↑ \$71.0	\$157.0 ↑	\$422.7	\$771.6
RBC	\$1,412.8	1.7%	21	↑ \$12.3	\$54.5 ↑	\$670.5	\$671.5
PowerShares	\$2,627.7	3.1%	24	↓ -\$46.5	\$34.1 ↑	\$408.5	\$480.5
First Asset	\$1,671.1	2.0%	39	↓ -\$79.8	-\$32.0 ↑	\$512.7	\$419.1
Purpose	\$752.9	.9%	16	↓ -\$39.6	-\$27.8 ↑	\$284.7	\$296.3
First Trust	\$291.7	.3%	17	↓ -\$6.8	\$2.1 ↑	\$111.9	\$118.0
Auspice	\$24.1	.0%	1	↓ -\$2.5	\$0.0 ↑	\$24.1	\$39.6
Questrade	\$19.8	.0%	6	↓ -\$1.1	\$1.0 ↑	\$19.8	\$20.9
Lysander	\$12.6	.0%	1	↑ \$12.6	\$13.0 ↑	\$12.6	\$13.0
<b>Total</b>	<b>\$84,020.4</b>	<b>100.0%</b>	<b>376</b>	<b>↓ -\$1,748.6</b>	<b>\$1,206.9 ↑</b>	<b>\$7,247.9</b>	<b>\$9,886.3</b>

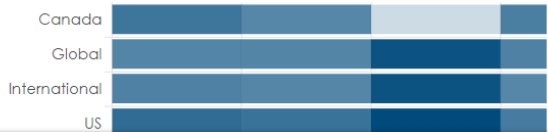
## Equity Flows

### Equity Style and Geography

Month Over Month



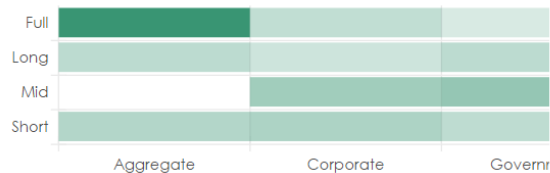
Year Over Year



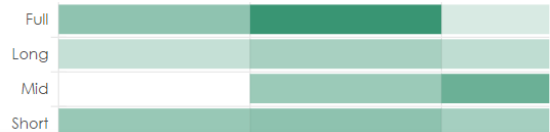
## Fixed Income Flows

### Credit and Term

Month Over Month



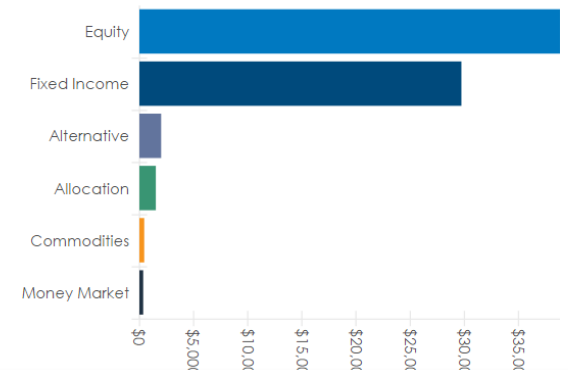
Year Over Year



## Total Assets Under Management

### ASSET TYPE

AUM [M]



# Embedding using iFrames with SSO

The screenshot shows a web browser at <https://app.projectorpsa.com/analytics>. The dashboard includes a navigation bar with 'Topics' and 'Favorites', a user greeting 'Welcome, Ronni Skinner', and a 'Help' button. A notification banner reads 'FYI: REVCORP-AAM IS A SANDBOX ACCOUNT'. A 'Select Dashboard' dropdown menu is open, listing 'Operational Overview', 'Portfolio Overview' (highlighted), 'Compliance and Alerts', and 'Financial Overview'. The main content area features three panels: 'Performance This Week' (Jan 11-17), 'Performance Last Week' (Jan 4-10), and 'Chargeable Utilization to Target' (by Days). The 'Performance This Week' panel shows a 20.11% decrease in Chargeable Hours (446), a 36.56% decrease in Chargeable Utilization (32.79%), and a 26.73% decrease in Revenue (60,479). The 'Performance Last Week' panel shows a 4.3% increase in Chargeable Hours (558), a 3.43% decrease in Chargeable Utilization (51.69%), and a 5.12% increase in Revenue (82,541). The 'Chargeable Utilization to Target' panel contains a line chart with 'Utilization Target' (red), 'Historical Utilization' (green), and 'Projected Utilization' (dark green) from Oct 12, 2014, to Apr 12, 2015. A legend at the bottom of the dashboard reads: 'Total Hours vs Capacity (Creative Department) by Days. Resource Department contains Creative. Capacity, Historical Hours (Chargeable), Historical Hours (Over Capacity), Historical Hours (Under Capacity), Projected Hours (Chargeable), Projected Hours (Over Capacity), Projected Hours (Under Capacity)'.

# REST API and SDK

- Using API and SDK
  - Full scale of options
  - Complete control about the look & feel
  - Customized controls
  - Reports, dashboards data sets, import resources
  - User and domain provisioning
- Example:
  - ChooseEnergy: <https://www.chooseenergy.com/state-trend-report/ohio/>



# REST API and SDK example

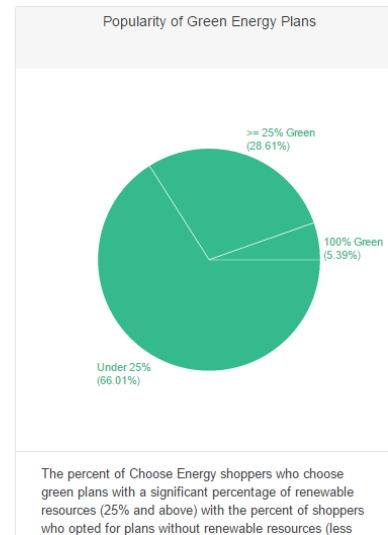
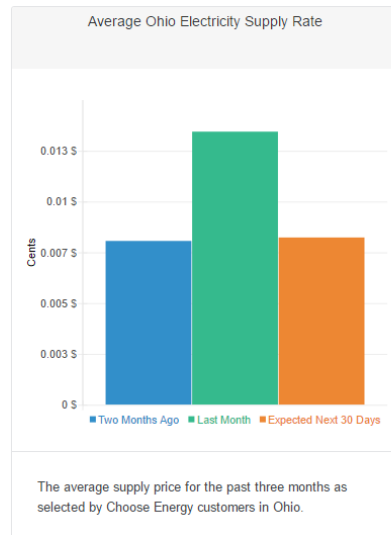
## Ohio Electricity Rates & Plan Popularity

Electricity choice has been available for residential and non-residential consumers in the AEP Ohio, Dayton Power & Light, Duke Energy Ohio, and FirstEnergy (Ohio Edison, The Illuminating Company, and Toledo Edison) utility zones since 2001.

Our Ohio State Trend Report breaks down electricity purchasing trends in Ohio over the past year. All of the information contained in this report is based on actual rates and plans that customers have selected on chooseenergy.com. Keep in mind that our pricing information reflects only the supply portion of your electric bill.

Over 80 percent of Ohio households are selecting plans 12 months or longer, demonstrating the desire to have fixed prices and peace of mind for the next few years.

About 54 percent of Ohio residents are currently being served by a competitive electricity supplier. Many of these households are participating in the competitive market through municipal aggregation, where their local government has chosen a competitive rate on their residents' behalf.



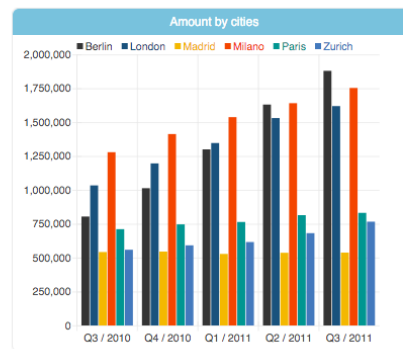
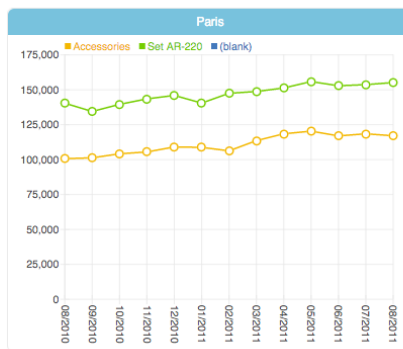
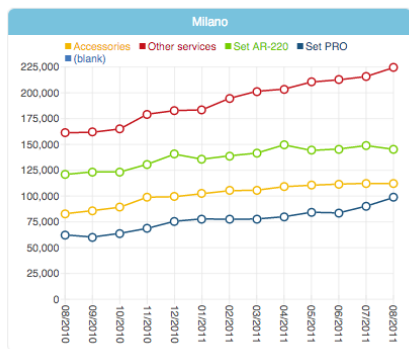
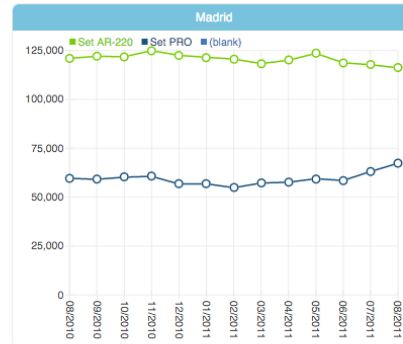
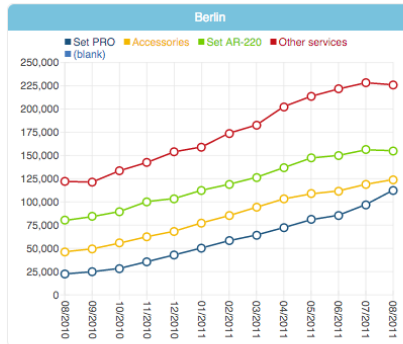
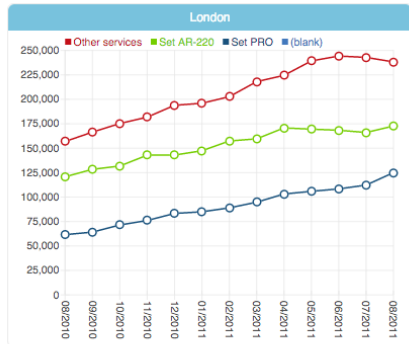
# REST API and SDK example

## Amount by cities (current campaign)

**City**  
 Berlin  
 Istanbul  
 London  
 Madrid  
 Milano  
 Paris  
 Zurich

**Product**  
 Accessories  
 Other services  
 Set AR-220  
 Set PRO

**Date Interval**  
 From:   
 To:



## Comments

Add Comment

BI App 32341 Nice report!  
 by API Demo  
 by API Demo  
 by Tech Training

# Client API Extensibility

- Building customized menu and controls
- Creating customised messaging and chatting functions
- Statefull HTTP based API available directly from the web browser
- Dedicated for Javascript usage

# Building customized look & feel

- Utilize the Client API available in the browser client
- Functions for:
  - reports, dashboards
  - filters, variables, comments, attachments, folders
  - versioning and sharing
- Example
  - Guoxin, China

# Charts SDK

- JavaScript library for rendering charts based on JSON input generated by BellaDati
- Simple integration to web application or stand-alone application

# Connector SDK

- Implement your own data connector and integrate it with BellaDati
- API written in Java
- Full control of data import process
- Supports parameters

# Authentication Options

- User authenticated against BellaDati database
  - User data are stored in native BellaDati database
- User directories
  - Active Directory, LDAP, SQL Server
  - Automated synchronization
- Federated Login
  - CAS (Centralized Authentication Server)
  - Google, Twitter

# Single-Sign-On Options

- Simple SSO
  - BellaDati REST API-based simplified SSO
- Standard SSO
  - “promptless login” – supported with SAML, Kerberos and SPNEGO protocol
  - user/domain provisioning supported



# Thank You!

- Deployment
  - Hosting Solutions
  - System Architecture
- Domain Setup
  - Settings & Design
  - Mobile Access
  - Data
- Installation
  - Requirements
  - Setup & Configuration
  - Maintenance
- Embedding
  - Scenarios
  - Java SDK
  - General API

## Questions?