DESTINATION: DIGITAL

MAY 16–19, 2016
MGM GRAND, LAS VEGAS

What’s New in TIBCO® Live Datamart & TIBCO LiveView™ Web

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May 2016

#TIBCONOW
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Agenda

1. Introducing TIBCO LiveView Web
2. TIBCO Live Datamart
3. What’s New in TIBCO Live Datamart 2.1
Introducing TIBCO LiveView Web
The Live Data Mart in Your Browser
TIBCO LiveView Web

**WebSockets-powered HTML5**
Zero install, streaming ready

**Real-time Visualizations**
Highcharts-powered visualizations display your data as it changes

**JavaScript Plug-ins**
Fine-tune your experience by authoring or downloading from the community exchange JavaScript extensions to LiveView Web
Cards to view and act on query results

Pages to organize your cards by tabs
TIBCO LiveView Web – The Basics

• Create your query using a point-and-click builder, or enter LiveQL

• Configure your visualization

• Interact and take action

• Link cards together for context
TIBCO LiveView Web - Visualization Examples

Grid

Maps

Charts
Live Demo of TIBCO LiveView Web
Exploring live edits to Wikipedia, the Free Encyclopedia
Watching Live Wikipedia Edits?

• Watch for vandalism (such as spam links, stockbrokering) or undesired bots
• Monitor government officials editing encyclopedic content
  • (@CongressEdits since 2014)

• Wikipedia edits are streamed live over public Internet
  • Metadata for anonymous edits (~15%) includes source IP address
• Demo included with TIBCO Live Datamart download
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TIBCO Live Datamart

A Review
TIBCO Live Datamart Key Capabilities

Ultra-fast Continuous Querying
Real-time aggregations and computations against high-speed streaming data; results in sub-second latency

Real-time Control and Command Center
Interact with live data using ad-hoc queries, user-configured visualizations with actions and alerts

Performant – Efficiency to Manage All Data
Proven for demanding environments, tens of millions of events per server, federated deployment, thousands of continuous queries

Scalable – Designed for High Volumes of Live Data
TIBCO Live Datamart scales up, exploiting high memory and large core counts, and out across a cluster as your data needs increase

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The Anatomy of a Continuous Query on Data in Motion

**Continuous query:** “Select all oil wells with signs of failure for > 5 minutes”

<table>
<thead>
<tr>
<th>Well</th>
<th>Region</th>
<th>Error Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>E</td>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>F</td>
<td>2</td>
<td>30</td>
</tr>
<tr>
<td>G</td>
<td>1</td>
<td>25</td>
</tr>
</tbody>
</table>

- **Click for detail**
Why TIBCO Live Datamart

Ability to capture streams of live data from numerous sources, analyze it, and take real-time action is required in the digital economy.
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Live Datamart Client Ecosystem

TIBCO LiveView Desktop

TIBCO LiveView Web

APIs: .NET, Java, JavaScript (shown)

Microsoft Excel
What’s New in TIBCO Live Datamart

Live Datamart 2.1
Visually represent your data mart configuration
Launch editors and wizards
Generate a working TIBCO Enterprise Message Service™, TIBCO FTL®, Apache Kafka, or feed simulator-based table data publisher.
Runtime – New Capabilities

• Additional flexibility – add and remove tables on the fly

• Better query expressivity – server-side calculated columns added to LiveQL

• Timer-based alerting for periodic tasks

• Row-level permissions with new table filtering options
Runtime – Performance and Deployment

• Tuned for new Java 8 G1 collector

• Improved handling of new queries – up to 5x

• Now available as a Docker image
Take a Further Look

• TIBCO NOW®
  • Accelerators featuring the TIBCO Live Datamart and TIBCO LiveView Web
  • TIBCO LiveView Web product demo at booth #66

• Downloads
  • Try TIBCO Live Datamart and TIBCO LiveView Web today
  • Visit our community site
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