ILOG JViews Charts

Ultimate in features, performance and control

No more compromising

Incorporating a chart into a Web-based graphical user interface (GUI) used to mean settling for a static display, unstable architecture, crude interaction and unattractive graphics. With ILOG JViews Charts, there is no comprising on usability or performance. Even web interfaces come alive, with Ajax technology to make charts that are truly dynamic and interactive.

Fast, accurate development

Developers get both rapid development and full customization with ILOG's Designer for Charts and its underlying software development kit (SDK). Designer lets Java developers rapidly build intuitive, interactive charts to convey complex information. Users simply select a chart type, set its properties, define rules for highlighting critical values, and connect the resulting chart to a data source. A complete SDK is used to tailor any specialized rendering or graphical behavior.

Features broad and deep

ILOG JViews Charts comes with a full range of charts: 2D point, line, bar, stacked, bubble, area, high/low, candle, radar, polar and pie. It also includes "treemaps", an innovative approach to viewing and navigating through large sets of data. Other great features include "load on demand" for handling huge data sets, a complete set of navigational features, and support for the JavaServer Faces (JSF) standard for easy thin-client user-interface development. It also satisfies requirements for ultralight, dynamic charting by combining Ajax and SVG. ILOG JViews Charts is more than just the charting system you want; it's the one you need.

- **Point-and-click chart designer**
- **Wide variety of chart types including treemaps**
- **Real-time performance**
- **Completely open API**
- **Robust MVC architecture**
- **Ajax-enhanced thin-clients (DHTML and SVG)**

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Designer for Charts

A point-and-click editor complete with wizards, Designer for Charts allows developers to easily specify most aspects of their chart displays. It sets the data-source parameters (JDBC, XML, CSV and others), as well as the visual properties. Designer for Charts also includes an innovative styling feature, which lets developers define precisely how the graphics will be displayed under different data conditions. The output of the editor is a chart configuration file, which can be further refined with the SDK.

Flexible look and feel

A full set of styles and custom parameters gives the user control over the look and behaviors of the charts:

- Wide range of chart types, including bar, pie, bubble, XY and treemap
- Linear and logarithmic scales; cartesian and polar charts
- Multiple, flipped and swapped axes
- Smart tick-mark labels
- Labels on data points and user-definable data point markers
- Legends explaining graphical elements
- Prebuilt navigation tools that include selection, panning and zooming
- Even end users can easily customize the look and feel of the data displays

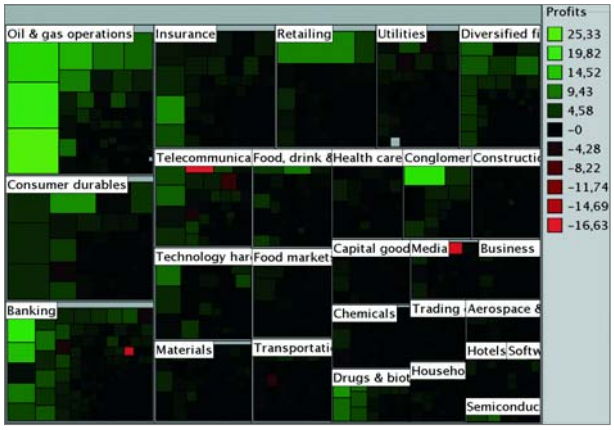
> *"ILOG JViews is the most comprehensive Java charting product we've found. It reproduces non-Java charts and the complicated graphics we want. We're constantly looking for more competitive products, but ILOG JViews is still the best choice."*
>
> **– Mike Davidson**
> **Operations manager**
> **Monitor Management**
> **Control Systems, Limited**

Advanced services

Performance monitoring often requires charts with video-like refresh rates. ILOG JViews Charts delivers this performance. All the charts zoom and scroll, adapt their scales automatically and support multiple axes. For applications with very large data sets, ILOG JViews Charts provides a load-on-demand functionality, which places data in a locally managed cache and displays it as needed.

Treemaps for data analysis

Treemaps are a type of chart for displaying large, multidimensional data sets. They bind the parameters of each record to display attributes such as color and size, allowing users to easily spot patterns or data outliers. The ILOG JViews Charts Treemap lets users interact with the display, selecting and drilling down to get more information.



Treemap showing profitability of Fortune 500 companies

Robust MVC architecture

ILOG JViews Charts implements a Swing-like model view controller (MVC) architecture, which clearly separates data from displays. The data model is completely open and extensible, and can be connected with other application components. Notifications are automatic and transparent. When the data model changes, charts are updated, and when a user interacts with a chart, the model changes.

Ajax-based thin-client deployment

All the charts are available as JSFs, which hide the complexity of writing interactive DHTML charts for the Web. Besides Ajax-enhanced DHTML charting, ILOG JViews Charts offers the best combination of Ajax and SVG for providing a first-class user experience, real-time dynamic updates and ultralight bandwidth consumption.

Learn more

For more information on ILOG JViews Charts, please visit http://charts.ilog.com.

ABOUT ILOG

ILOG delivers software and services that empower customers to make better decisions faster and manage change and complexity. Over 2,500 global corporations and more than 465 leading software vendors rely on ILOG's market-leading business rule management system (BRMS), optimization and visualization software components, to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. The BRMS market share leader, ILOG was founded in 1987 and employs more than 700 people worldwide.

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