What’s New in JReport 11.1

Introduction

JReport 11.1 helps take information discovery to the next level by providing new, improved visualization tools including increased dashboard and reporting performance, and customization. Support for JReport Mobile is also enhanced and gives you anytime anywhere access to your key metrics. On top of its advanced visualization functionality, JReport is the leading 100% Java embedded reporting solution. V11.1 provides faster performance through in-memory cubes and push down aggregation computations. The following sections will highlight the new features in JReport 11.1 and show you how our solution can provide the advanced reporting you need to make better business decisions.

Advanced Data Visualization

JReport 11.1 brings advanced data visualization via robust charts, intuitive on-screen interactions, and enhanced usability to help you get more out of your data.

V11.1 provides enhancements to JReport’s 40+ chart types and styles. In addition to allowing you to choose from standard chart types like bar, line, pie or scatter charts as well as more advanced chart types like bullet, doughnut, bubble, etc., JReport 11.1 now includes new gauge and indicator charts in your data visualization. These new charts include gauge bar, gauge bubble, and indicator charts that show different images or colors based on summarized values, allowing users to quickly identify Key Performance Indicator issues. Live charts such as motion, scrollable, and real-time charts are also provided for deeper analysis. For example, with real-time charts you can monitor live, incremental data as it becomes available. Tables, crosstabs, and maps can also be used to supplement the different chart types and create a more comprehensive data view.
JDashboard: Easy to Build, Easy to Use

With JDashboard, end users can create and interact with highly visual dashboards without the help of a developer. JDashboard provides intuitive features for mashing up different components pulled from a convenient Component Library. The Component Library can hold any number of pre-built components that can be dragged and dropped into dashboards. In V11.1, users can reuse existing report components and now have the ability to build highly customizable print layouts, themes, profiles and special fields. Charts now also include the use of formulas in categories and series, and auto-formatting options. Additionally, JDashboard gives you the flexibility to integrate external resources to your dashboards such as Google Maps or any other webpage that you choose.

Like JReport, JDashboard is highly interactive, making data exploration a snap. On-screen filters, slider controls, drill downs, and more can be applied for you to get a more granular view of your data. Changing the course of your analysis is as easy as removing or modifying filters in one click.

Figure 2: Sample Chart Types

Figure 3: Sample JDashboard
JReport Mobile

JReport 11.1 continues to enhance the functionality of JReport Mobile, which is a native iOS app that lets you view dashboards anytime, anywhere directly from your iPad or iPhone. JReport Mobile now expands the touch gesture interactions that allow you to intuitively explore your data while on-the-go. Scrolling through the rows and columns of crosstabs and tables are also enhanced for easier data discovery. Furthermore, JReport Mobile is now supported on devices running iOS 5 or 6. Using mobile visualization will empower you to make better business decisions.

Figure 4: JReport Mobile

Powerful Server

JReport Server Live is a high performance report server able to seamlessly integrate with any application and scale to any workload. Using JReport’s clustering software scaling from single-CPU to large, multi-CPU and clustered environments becomes easier. Server Live provides complete report management, distribution, and administrative functionality with unmatched reliability. Server Live also provides ad hoc reporting and dashboard solutions.

V11.1 now supports in-memory cube technology, which stores queries, meta-data, and data aggregations into memory. Reports and dashboards will now access these cubes rather than the database whenever they issue a query that contains an aggregation function, which is often the case during data analysis. Thus, JReport reduces the overall need to access the database. For enterprises using large datasets, this technology provides huge enhancements to speed and performance when running data analysis operations.

JReport Server Live now automatically analyzes queries and pushes aggregation, or summary, computations down to the database at runtime, allowing the database to generate summary results and send them back to the server. This allows data analysis operations such as drilling down, slicing, and dicing to run up to 100 times faster for large data sets. Push down summary technology also facilitates the fast creation of in-memory cubes since the cubes are populated with summary results.

Also enhanced in JReport 11.1 is JReport’s hierarchical structure, which allows users to easily drill through predefined hierarchies such as year, quarter, month. Developers can now define data hierarchies and enable users to navigate through them in a more natural way, allowing for faster, easier, and more efficient data analysis.

Summary

These are only a few of the many features that JReport 11.1 has to offer. With a high performance server as well as features for advanced visualization and interactivity, JReport empowers you with robust mechanisms for data exploration and discovery. And now, with JReport Mobile, you can monitor dashboards any time, anywhere to stay on top of changes in your business data as they occur.
Want To Learn More?

Contact One of our Sales Representatives for a **Live Custom Demo of JReport 11.1**

**Email:** sales@jinfonet.com  
**Phone:** 240-477-1000  
**Click for Live Chat**

**Technical Requirements**

**Hardware/OS Requirements:**
- Intel P4 Xeon 3.0 GHz
- Windows, Unix, Linux, z/Linux
- 2GB of RAM minimum
- 1GB of available hard disk space
- Java VM JDK 6 or above

**Application Server Support:**
- ATG DAS  
- Oracle WebLogic  
- Cold Fusion MX  
- JBoss  
- Oracle Application Server  
- SunOne Application Server  
- Tomcat  
- WebSphere Application Server

**Web Browser Support:**
- Internet Explorer 8 or above  
- Google Chrome 5 or above  
- Firefox 3 or above

**Corporate Contact**

**Jinfonet Software**  
9420 Key West Avenue  
Rockville, MD 20850  
P: 240-477-1000  
F: 240-465-0355  
info@jinfonet.com  
www.jinfonet.com