



JClass ServerViews 3.0 Positioning/Messaging Summary

JClass ServerViews 3.0 – major release

Theme: Web Services Enabled, Complete Internationalization Support for Servlet, JSP and J2EE development

ServerReport 3.0 – major release

Theme: Major Ease of Use Improvements and Complete Internationalization Support

Key Features:

- New WYSIWYG visual report design tool.
The ServerReport Designer enables developers to visually design page templates, making getting started much easier and faster.
- Generate truly internationalized documents.
ServerReport now supports 16-bit Unicode character sets and TrueType fonts, enabling developers to generate documents with localized content, including Asian languages. Other enhancements, including PDF font embedding and PDF compression, complete the capability – users do not need to have special fonts or language packs installed to view foreign-language content.
- Latest JDK support (1.4.1).
Developers don't have to worry about whether the server-side components used in their applications will work as they migrate to new application servers and JRE environments. They will. Migration of JClass ServerReport code is not an issue.

ServerReport – Template Designer

The new ServerReport Designer in JClass ServerReport 3.0 is a WYSIWYG tool for creating document templates. The tool enables a developer to visually set up the page layout, fonts, styles, and other visual properties, saving the template as XML. The template is then used by ServerReport when generating pages; ServerReport applies the flow and properties defined in the template to the generated PDF document. **Benefits:**

- Faster initial setup of product, even for simple reports
- Enables non-developers to define look and feel of generated documents
- Enables fast, incremental design of documents – for example, a user can get the body working first, then reload the template into the designer later to add finer details such as header/footer, fonts, etc.
- While designed for less experienced Java developers, it's also a time-saver for those more experienced
- Makes possible very complex documents with exacting layout requirements, including complex forms, documents required by regulatory bodies
- Easier maintenance of applications because of better separation of data and presentation

ServerReport – Full Unicode Support

ServerReport now supports the full 16-bit Unicode character set. 16-bit Unicode content can be handled, and documents can now specify and generate PDFs using Unicode-based TrueType fonts. **Benefits:**

- Truly internationalized documents, containing content written in Chinese, Japanese, Korean, or any language for which there's a Unicode character set (and a TrueType font)

ServerReport – Adobe Acrobat PDF Extensions

ServerReport can now generate PDFs containing embedded fonts, and also compressed PDFs, both of which are required for internationalized documents.

ServerChart 3.0 – significant release

Theme: Web Services Ready and Complete Internationalization Support

Key Features:

- Web Services Ready with complete XML support.
Developers can now design, exchange, parse and deliver charts using XML. Full support for web services technologies and standards like SOAP and WSDL.
- Generate truly internationalized charts.
ServerChart now supports 16-bit Unicode character set and fonts, enabling developers to generate charts with localized content, including Asian languages. Users do not have to have special fonts or language packs installed to see foreign-language content.
- Latest JDK support (1.4.1).
Developers don't have to worry about whether the server-side components used in their applications will work as they migrate to new application servers and JRE environments. They will. Migration of JClass ServerChart code is not an issue. (this is true for any release and only applies to that release, it's not like we solved a problem that they'll never have to upgrade JClass again (horrors!))

ServerChart – Complete XML support (import/export, DTD, tag library)

ServerChart can now import and export charts as XML, including data and properties. Has its own DTD and JSP tag library. Beyond the simple geek value of the feature, at a higher level this means you can now decouple the chart component from the database and pass charts between tiers in an efficient lightweight fashion. **Benefits:**

- Easier and quicker chart design
- Reuse chart "templates" easily within and between applications
- More easily debug chart settings; edit and test changes more quickly interactively
- Read XML-formatted data into charts