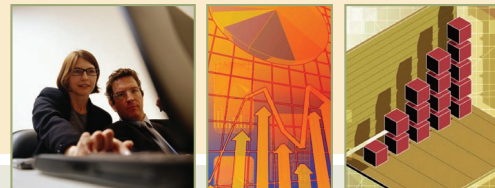


Formula One e.Spreadsheet Engine

A Pure Java reporting toolset for generating dynamic, richly formatted Excel reports from raw business data. The leading tool for manipulating Excel files in Java environments.

www.reportingengines.com/products/espreadengine/overview.jsp



Automate the Creation of Excel Reports!

Eliminates the tedious chore of querying data sources manually, cutting and pasting the results into Excel, and hand formatting reports. Formula One provides an extensive API for creating, parsing, and updating Excel files from a Pure Java toolset.

Deliver Real Excel Reports That Far Exceed CSV!

Dynamically create genuine Excel files that include precise columns and rows, formulas, functions, charts, outlining, merged cells, multiple worksheets, rotated text, hyperlinks, and more upon delivery to end users!

Access and Format Data From Any Data Source

Includes methods for accessing raw business data in JDBC databases, XML files, and text files.

Flexible and Powerful!

Use the Excel-like, point-and-click environment of the e.Spreadsheet Designer to build reports or create reports dynamically with code and provided APIs.

Cost Effective! Integrates Into Your J2EE Platform!

Easy-to-understand, developer-focused pricing with unlimited deployments on your application server. No new report server to add; use with your existing J2EE platform by simply adding a JAR file.

Not Just For Delivering Excel Reports!

Use As A Fast Server-Side Calculation Engine

Use in "headless" mode on an application server to perform sophisticated, fast calculations using Excel files as templates.

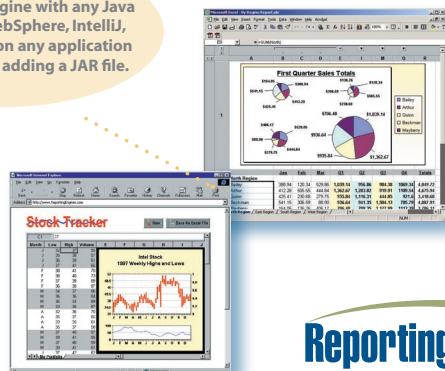
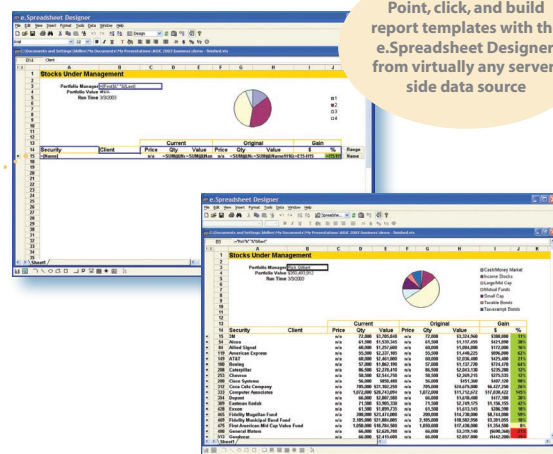
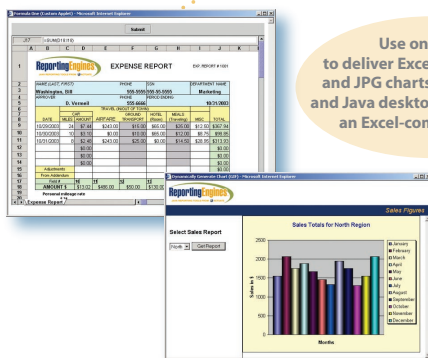
Embed a Spreadsheet-like Grid in Your Java U.I.s

Allow users to view and manipulate data in an Excel-like and Excel compatible grid. The e.Spreadsheet Engine includes a robust user interface that can be embedded into applets and fat Java desktop client applications.

Point, click, and build report templates with the e.Spreadsheet Designer, from virtually any server-side data source

Use on servers to deliver Excel reports or GIF and JPG charts. Use in applets and Java desktop applications as an Excel-compatible grid.

Use the Formula One e.Spreadsheet Engine with any Java IDE (JBuilder, WebSphere, IntelliJ, etc.) and deploy on any application server by simply adding a JAR file.



ReportingEngines
JAVA REPORTING TOOLS FROM ACTUATE

Formula One e.Spreadsheet Engine

List of Features

Pure Java, API-driven component for use in your existing J2EE platform

- More than 1,000 properties, methods, and events provides developers with a high level of flexibility and customization
- For use in building applications in Borland's JBuilder, IBM's WebSphere Studio Application Developer, Oracle's JDeveloper, or any Java integrated development environment (IDE)
- Embeds and deploys with applications on WebLogic, WebSphere, JRun, JBoss, Apache or any J2EE application server

Generate true Excel reports with a high level of Excel compatibility from your J2EE platform

- Reads/writes Excel 95/97/2000/XP files
- Reads/writes Excel 2D charts
- Support for Excel syntax and formulas
- Support for all Excel worksheet functions
- Outlining
- Merged cells
- Multiple worksheets
- Conditional formatting
- Rotated text
- Hyperlinks in cells

Powerful data access and flexible generation of Excel reports

- Includes methods and wizards for accessing databases, XML, text files, and other server side data sources
- Generate Excel reports programmatically with code and APIs
- Build reports during design time visually with the Actuate e.Spreadsheet Designer, an Excel-like application that builds spreadsheet-based report templates visually with menu commands, dialogs, and wizards

Not just Excel reports; also use on servers for calculations and on clients as a powerful grid

- Use in "headless" mode on servers to perform calculations using Excel files as templates
- Use the user interface classes as an embedded, Excel-like grid in applets and desktop applications

100% Pure Java

- Includes Swing classes
- Support for JDK 1.2.2 and later

International support

- French, German, Italian, and Spanish
- Japanese version also available
- Translation toolkit for other languages

Charting

- Supported types include column, line, area, step, bar, combination, pie, doughnut, XY (scatter), bubble, and stock.
- Includes a charting API for generating Excel-compatible 2D charts programmatically from servers
- Chart Wizard eases construction of charts

Celebrating 10 year anniversary

- The Formula One Spreadsheet Reporting Engine first started development in 1993

More Information

- **Product Information:** www.reportingengines.com/products/espreadengine/overview.jsp
- **Download a Trial:** www.reportingengines.com/products/espreadengine/overview.jsp
- **Demos:** <http://www.reportingengines.com/demos/index.jsp>

