



Aspose.Cells for net



Insight

Fast, Accurate, Export of Data to Microsoft Excel using Aspose.Cells for .net
Danny Graham, Development Director, InsightSoftware.com - 28th July 2009

Product Background / Overview

INSIGHT® is a real time productivity tool designed to optimize the customer's JD Edwards or Oracle eBusinessSuite system for improved business performance. Operations such as real-time reporting, data reconciliation, integrity management and entire process optimization are achieved quickly and easily with this powerful, end user tool. For example INSIGHT's General Ledger module helps users produce their key financial reports and provide continual real time access to answer all their important financial questions. Accountants are able to close the month end quicker and business managers are able to gain greater financial insight.

An important feature is the ability to be able to take numbers displayed in the Insight product and allow them to be displayed in Microsoft Excel. This is where Aspose.Cells for .net comes in.

Requirements Scenario

The worksheet generation engine needed to be able to:

- handle many thousands of rows of data and do so very quickly
- accurately reflect the cell formatting set up in INSIGHT®
- output many reports to a single Excel Workbook
- support Excel 2003 & Excel 2007

Solution Implementation

From a user perspective we simply use an Export button on the product ribbon. When it is clicked the content is recreated as an xls or xlsx file and then opened for viewing in Excel.

From a coding perspective, Aspose.Cells for .net follows the Microsoft Excel object model very closely, so porting the code of our previous solution to use Aspose.Cells was straight forward.

Benefits

The most obvious benefit was a huge boost in performance. Aspose.Cells can generate very large xls files extremely quickly and using a fairly small memory footprint. In a product that can provide many thousands of rows of data, this is

vitally important.

Future Implementations

None.

Conclusion

The Aspose.Cells for .net product is extremely fast, reliable, operates in a fairly small memory foot print and from observation seems bug free – generating large and complex workbooks with consummate ease.

The implementation process was straightforward using the sensibly laid out API.

I wouldn't hesitate to recommend Aspose.Cells for .net to users who require a very high quality Excel generation solution.

Insight [DEMO0810]

Home Design Inquiry Objects Formatting View Configurator Console Restatement Budgeting

Run New Open Save Close Inquiry Favorites Manage Folders Permissions Print Excel Export Print Options Excel Options Inquiry

Export
Export All - Single Workbook
Export All - Multiple Workbooks
Export DIF
Export Outputs the current result set to Microsoft Excel.

General Ledger

Business Unit *
Company *
Subledger *
Period CURRENT.CUMULATIVE.CE8

Object Account <4300
BU Cat Codes *
Subledger Cat Codes *
Year CURRENT

Subsidiary *
Object Cat Codes *
Grid Hierarchy Level Of Detail (MD) *
Ledger AA.BA.BU

**Analysis
2006
Period 9, Cumulative 9, Cumulative 8**

Object Account	Period 9 Actual 2006	Period 9 Budget 2006	Period 9 Budget Ledger Units 2006	Cumulative 9 Actual 2006	Cumulative 9 Budget 2006	Cumulative 9 Budget Ledger Units 2006	Cumulative 8 Actual 2006
1105 - Petty Cash	(300.00)	(400.00)	70,921	919.17	5,710.00	70,921.0	1,219.17
1110 - Bear Creek National Bank	0.00	6,366.00	0	31,193,424.64	15,771.00	132.3	31,193,424.64
1110 - First Interstate Bank	(70,200.00)	400.00	35,345	100,851.25	3,012.50	35,345.0	171,051.25
1110 - First Bank of Paris	0.00	354.00	345,345	(144.64)	354.00	345,345.0	(144.64)
1110 - First Interstate Payroll	0.00	46,979.00		4,375,000.00	46,979.00		4,375,000.00
1110 - Cash in Banks	0.00	345.00	455,464	313,215.00	345.00	455,464.0	313,215.00
1110 - Cash in Banks	(70,200.00)	54,444.00	836,154	35,982,346.25	66,461.50	836,286.3	36,052,546.25
1131 - Certificates of Deposit	0.00	(40.00)	457	10,665,000.00	104,460.00	456.5	10,665,000.00
1130 - Short Term Investments	0.00	(40.00)	457	10,665,000.00	104,460.00	456.5	10,665,000.00
1100 - Cash	(70,500.00)	54,004.00	907,532	46,648,265.42	176,631.50	907,663.9	46,718,765.42
1210 - Trade Accounts Receivable	(961,736.42)	5,704.00	46,546,546	293,236,620.54	37,375.05	46,546,546.0	294,198,356.96
1215 - Allow for Doubtful Accounts	0.00	80.00	56,546	(18,825.60)	80.00	56,546.0	(18,825.60)
1222 - Drafts Receivable	0.00	100.00		375.00	100.00		375.00
1225 - Retainages Receivable	0.00	456.00		57,500.00	456.00		57,500.00
1230 - Employee Receivable	0.00	0.00		11,803.80	(418.00)		11,803.80
1240 - VAT Recoverable	18,258.44	120.00	46,456	307,474.85	120.00	46,456.0	289,216.41
1250 - Accrued Rebates Receivable	(3,600.00)			(3,600.00)			0.00
1290 - Other Accounts Receivable	0.00			20,217.00			20,217.00
1291 - Intercompany Accounts Receiv.	120,739.31	(310.00)		857,527.93	(310.00)		736,788.62
1200 - Accounts Receivable	0.00	0.00		(5,825,139.91)	111.00		(5,825,139.91)
1200 - Accounts Receivable	(826,338.67)	6,150.00	46,649,548	288,643,953.61	37,514.05	46,649,548.0	289,470,292.28
1344 - Materials		0.00			100,000.00		
1346 - Equipment		0.00			50,000.00		
1347 - Subcontracts		0.00			75,000.00		
1330 - Contract Costs	0.00	0.00	0.00	0.00	225,000.00	0.00	0.00

Success. Ready

A typical report in INSIGHT® ready to be Exported to Microsoft Excel

Insight [DEMO810]

Analysis.xls [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Add-Ins

Clipboard Font Alignment Number Styles Cells Editing

General Ledger

Business Unit
Company
Subledger
Period

Analysis

Object Account	Period 9 Actual 2006	Period 9 Budget 2006	Period 9 Budget Ledger Units 2006	Cumulative 9 Actual 2006	Cumulative 9 Budget 2006	Cumulative 9 Budget Ledger Units 2006	Cumulative 8 Actual 2006
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1346 - Equipment	0.00	0.00		50,000.00			
1347 - Subcontracts	0.00	0.00		75,000.00			
1330 - Contract Costs	0.00	0.00		225,000.00			
1320 - Costs in Excess of Billing	0.00	0.00		225,000.00			
1300 - Work In Process	0.00	546.00		(1,100.00)	546.00		(1,100.00)
1300 - Work In Process	0.00	546.00		(1,100.00)	225,546.00		(1,100.00)
1411 - Inventory	130,320.00	7.00		43,806,830.01	25,415.40		43,876,510.01
1400 - Inventory	130,320.00	7.00		43,806,830.01	25,415.40		43,876,510.01
1401 - Inventory-Finished Goods	130,320.00	7.00		43,806,830.01	25,415.40		43,876,510.01
1400 - Inventory	0.00			47,914.00			47,914.00
1400 - Inventory	130,320.00	1.00		43,854,744.01	25,415.40		43,724,424.01
1610 - Prepaid Insurance	0.00	89,965.00		3,325,436.73	95,372.50		3,325,436.73
1620 - Prepaid Rent	0.00			11,700.00			11,700.00
1630 - Prepaid Interest	(1,200.00)			10,800.00			12,000.00

Moments later the same data is visible in Microsoft Excel.