



Mashing Microsoft

Radically Improve Your
Information Productivity
with Enterprise Mashups

Our Objective Today

- **Easily** Mash data between Excel, Project, SQL Server and SharePoint;
- **Securely** Mash Excel, Project, SQL Server and SharePoint data with other applications;
- **Quickly** Share your mashups with others through 'mashup apps' and dashboards.

About JackBe

“Mashups can be whiz-bang simple, but in the enterprise, data management, application security and control, and complex user needs can complicate matters. JackBe's Presto provides professional-grade tools that streamline mass mashup production.”

-Intelligent Enterprise



The logo for Qualcomm, featuring the word "QUALCOMM" in a blue, sans-serif font with a stylized "Q".

The logo for Citi, featuring the word "citi" in a lowercase, sans-serif font with a red arc above the "i".



The logo for Thomson, featuring the word "THOMSON" in a blue, sans-serif font with a starburst graphic below it.

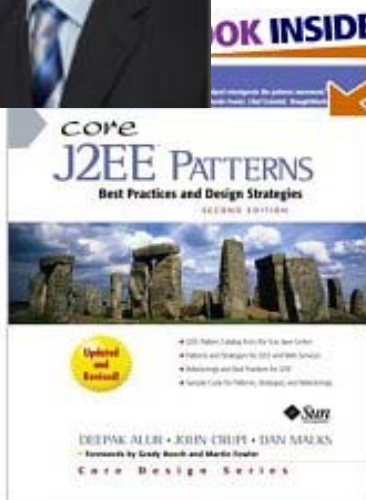


Today's Mashers



John Crupi

- JackBe's CTO
- Ex-CTO, SOA Practice, Sun Microsystems
- Co-author 'Core J2EE Patterns'



Matt Triner

- Mashup Ninja



Quick Poll: Which of these do you use regularly?



Excel



SharePoint



Agenda

- Mashup Minute
- Why Mashups?
- Enterprise Mashups
- Excel as 'Mashup 1.0'
- Demo: Mashing Excel
- The Enterprise Mashup Problem
- Demo: Mashing Project
- The Heterogeneous Collaborative Enterprise
- Demo: Mashing Sharepoint
- Q&A

Mashup Minute

The screenshot displays the Presto Wires Visual Mashup Composer interface. The browser address bar shows the URL `http://cto.jackbe.com:10000/wires/`. The interface includes a sidebar with a list of services, a central workspace for building a mashup, and a data preview section at the bottom.

Services List:

- AW_BitOfMaterials
- AW_Person
- AW_Product
- AW_ProductReview
- DemoSharePointCRMSalesLeads
- JackbeSplists
- JIRAaddCommentByIssueKey
- JIRAGetByIssueKey
- JIRAGetByIssueKey
- JIRAGetIssuesForFilter
- JIRAlgn
- JIRAsetIssuePriority
- MSPProjectGetProjectInfo
- MSPProjectGetResourceInfo
- MSPProjectGetTaskTree
- MSPProjectServiceDispatcher
- PMgetJiraTotals
- PMGetProjectSummaries

Mashup Workflow:

The workflow is titled "IdentifyTopStocks" and is built on a grid. It starts with a "Username" input box. Two arrows lead from "Username" to two service nodes: "XigniteGetQuotes.GetTopMovers" and "XigniteGetQuotes.GetTopGainers". Both of these nodes feed into a "MSWebinarStockList.getData" node. The output of "MSWebinarStockList.getData" is split into two paths, each leading to a "Join" node. The outputs of both "Join" nodes then feed into a "Merge" node. Finally, the output of the "Merge" node is directed to a "Mashup Output" node.

Properties for Mashup Output:

This section is currently empty.

Data Preview:

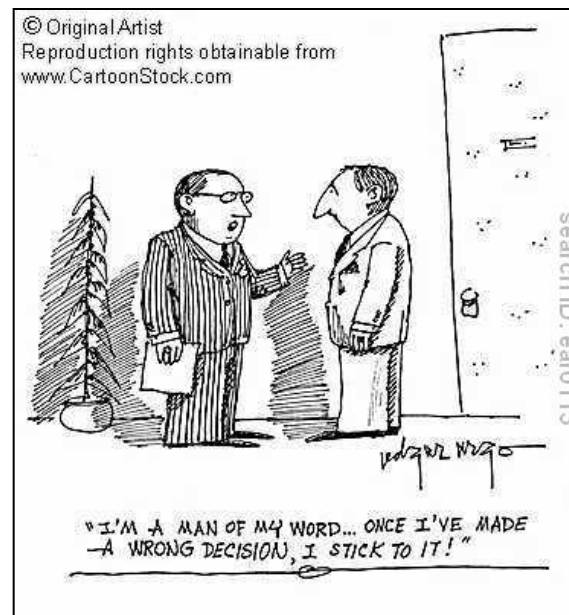
The data preview section shows "No data to show".

Footer:

HTMl Table | Grid | Tree | JSON | RSS | Bar Chart | Google Map | presto wires | version 3.7.0 [000309] | © 2009 JackBe Corp. | License

Why Mashups?

Poor decisions are often made because decision-makers do not have the Right Information at the Right Time for Every Situation.



AIMM & Accenture Surveys, 2007

Today's Three Big Information Challenges

Silos



<http://www.arnoldit.com>

Speed



Security



<http://LordOfDesign.com>

What Business Users Really (Want) Need

The collage shows multiple overlapping windows from different business applications. Key elements include:

- Spreadsheets:** Several Excel-style spreadsheets with columns for dates, times, and task names. One prominent spreadsheet has columns labeled 'Date', 'Start time', 'End time', 'Pause', 'Sum', and 'Comment'.
- Gantt Charts:** Visual task scheduling tools showing task durations and dependencies over time.
- Data Dashboards:** Interfaces with multiple charts, tables, and filters for data analysis.
- Navigation Elements:** Red arrows and brackets pointing from the collage towards the Presto Financials screenshot on the right.

The screenshot displays the Presto Financials v1.0 application interface with several active reports:

- Monthly Revenue Comparison:** A horizontal bar chart comparing Revenue, License, Maintenance, and Services for 2009-06-01. Revenue, Total is \$307.04K.
- Expense:** A vertical bar chart showing Actual YTD variance to Budget for categories like G&A, Sales, Marketing, Services, and Engineering.
- Forecast:** A vertical bar chart showing a forecast for Revenue, Total, License, Maintenance, and Services.
- Waterfall Cashflow:** A line chart showing cashflow trends from April 2009 to December 2010.

What are Enterprise Mashups?

Enterprise Mashups create realtime, secure remixes of disparate internal and external data sources.

Enterprise Mashups are usually presented as Mashup Widgets and Mashup Dashboards with actionable information.



What the Experts Say

*'A Top 10
Strategic
Technology in
2008'... 'and 2009'*

Gartner

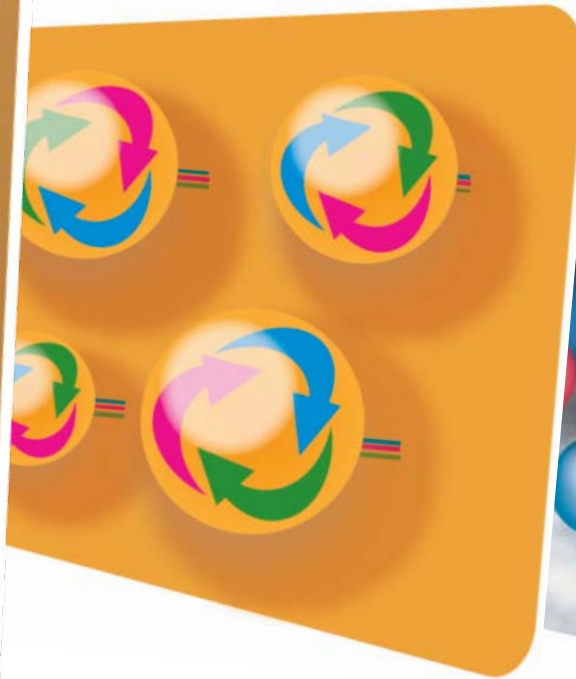
*'The extended
mashup ecosystem
will find a permanent
home in the
enterprise.'*

FORRESTER®

The Fundamentals of an Enterprise Mashup



Information



Mashups

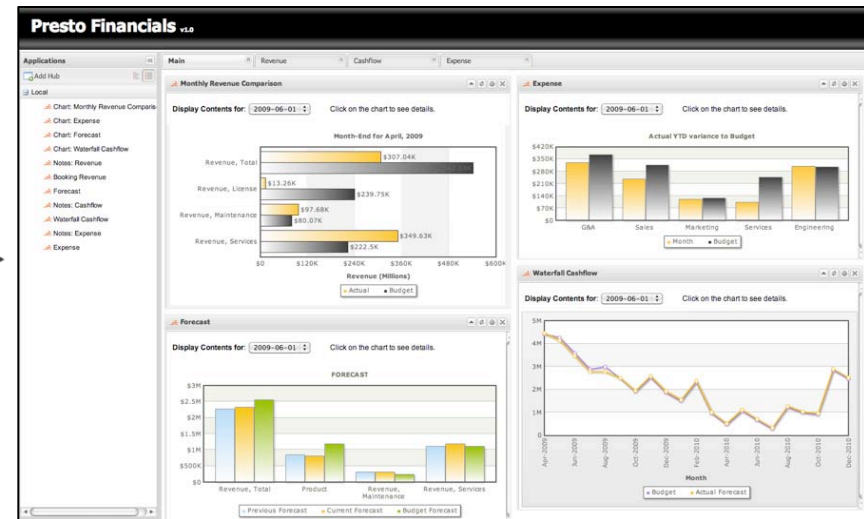
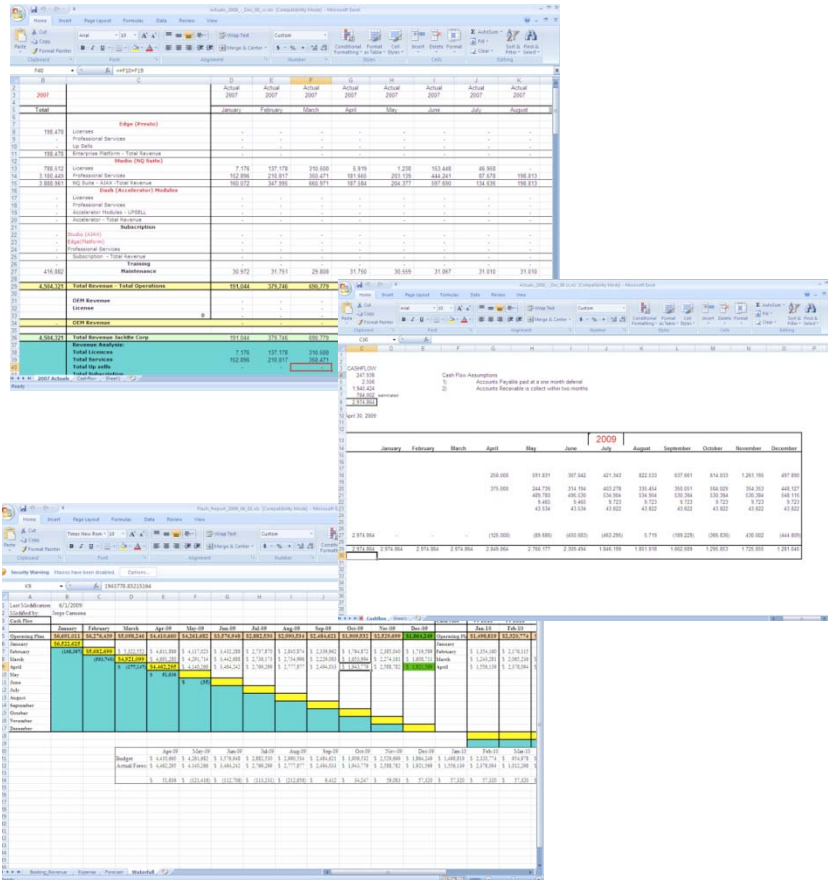


Services



Data

Financial Mashup Demo



Hours to Assemble

Weeks to Assemble

Project Management Mashup Demo

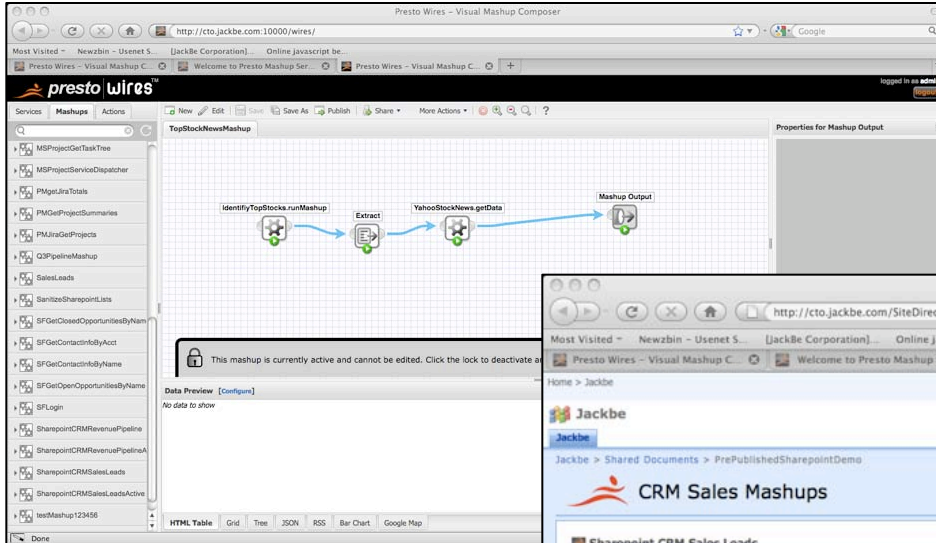
This screenshot shows the Microsoft Project application interface. The main view is a Gantt chart with a task list on the left. The task list includes various tasks such as 'Integration - Test Team Access the functionality (CPANM)', 'Google Map WMS? performance enhancements', and 'Problems involving the display refresh'. The Gantt chart shows task durations and dependencies. A secondary window at the bottom shows a detailed view of a task, including its name, duration, and resource allocation.



This screenshot displays the JackBe Program Management Dashboard. The dashboard provides a high-level overview of project tasks and resources. Key components include:

- Project Summary:** Displays project name, start/end dates, and work completed.
- Project Tasks:** A list of tasks with columns for Company, Project Name, Last Update, % Complete, and Open Tickets.
- Resource Info:** A section for resource management.
- Work Breakdown:** A pie chart showing the distribution of work across different categories.
- Project Issues Report:** A bar chart showing the number of issues.

Mashing Sharepoint Demo



The screenshot shows a SharePoint web page titled 'CRM Sales Mashups'. The page displays two mashups: 'Sharepoint CRM Sales Leads' and 'CRM Revenue Forecast'. The 'Sharepoint CRM Sales Leads' mashup shows a table of sales leads with columns for 'ITEM_EMPLOYEEEN', 'RECORD_ACCOUN', 'RECORD_REVENUE', and 'RECORD_VERTICA'. The 'CRM Revenue Forecast' mashup shows a pie chart with segments for 'George River, 92K', 'Edward Heath, 176.1K', 'Sam Mitchell, 269.5K', 'Jonathan Krup, 181K', and 'Jeff Thomson, 91.69K'. The page also includes a navigation menu, a search bar, and a 'Site Actions' button.

ITEM_EMPLOYEEEN	RECORD_ACCOUN	RECORD_REVENUE	RECORD_VERTICA
Sam Mitchell	AT&T Universal Card	80000	Retailer
Sam Mitchell	Drug Wholesalers, Inc.	25000	Pharmacy
Sam Mitchell	Imagination Time Stores, Inc.	34500	Customer
Sam Mitchell	TransAction Computers	10000	OEM
Sam Mitchell	National Bancorporation	120000	Commercial
Sam Mitchell	Verizon Wireless	50000	Retailer
Jeff Thomson	Beecher Technologic Corp.	28000	OEM
Jeff Thomson	Azume Software Corp.	19240	Commercial
Jeff Thomson	Johnson & Jackson Agency	12450	Unknown
Jeff Thomson	Xerom Printing	32000	Unknown
Jeff Thomson	Care First, Inc.	41000	HMO

Summary: Enterprise Mashups Business Benefits

- **Faster Decisions:** Give users more self-service capabilities that help them make better decisions every day
- **Better Insight:** Launch new applications and dashboards that integrate data from any enterprise application
- **Richer Collaboration:** Access, analyze, and publish data to users in order to work more effectively as an extended enterprise

‘ Mashups give business users unprecedented power- the ability to create business applications almost as quickly as the business situation changes.’

-- Anthony Bradley, Gartner

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Become a Mashup Expert.

Whitepapers, blogs, news, events, videos and case studies.



www.jackbe.com/dev

Become a Mashup Hero.

Free software, tutorials, demos, code samples & special interest groups.

JACKBE™
the user is the killer app

Mashing Microsoft

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