Jakarta POI - Case Studies

by Andrew C. Oliver, Cameron Riley

1. Introduction

A number of people are using POI for a variety of purposes. As with any new API or technology, the first question people generally ask is not "how can I" but rather "Who else is doing what I'm about to do?" This is understandable with the abysmal success rate in the software business. These case statements are meant to help create confidence and understanding.

2. Submitting a Case Study

We are actively seeking case studies for this page (after all it just started). Andy Oliver (acoliver at apache dot org) has agreed to have a few T-Shirts printed with the POI logo (once its chosen) for the first few best submissions. To submit a case study, either submit a patch for this page (preferred) or email it to the mailing list .

3. Case Studies

3.1. Bank of Lithuania

The Bank of Lithuania reports financial statistical data to Excel format using the Jakarta POI project's HSSF API. The system is based on Oracle JServer and utilizes a Java stored procedure that outputs to XLS format using the HSSF API. - Arian Lashkov (alaskov at lbank.lt)

3.2. Bit Tracker by Tracker Inc., and ThinkVirtual

Bit Tracker (http://www.bittracker.com) is the world's first and only web-based drill bit tracking system to manage your company's critical bit information and use that data to its full potential. It manages all bit related data, including their usage, locations, how they were used, and results such as rate of penetration and dull grade after use. This data needs to be available in Excel format for backwards compatibility and other uses in the industry. After using CSV and HTML formats, we needed something better for creating the spreadsheets and

POI is the answer. It works great and was easy to implement. Kudos to the POI team.

Travis Reeder (travis at thinkvirtual dot com)

3.3. Edwards And Kelcey Technology

Edwards and Kelcey Technology (http://www.ekcorp.com/) developed a Facility Managament and Maintenance System for the Telecommunications industry based on Turbine and Velocity. Originally the invoicing was done with a simple CVS sheet which was then marked up by accounts and customized for each client. As growth has been consistent with the application, the requirement for invoices that need not be touched by hand increased. POI provided the solution to this issue, integrating easily and transparently into the system. POI HSSF was used to create the invoices directly from the server in Excel 97 format and now services over 150 unique invoices per month.

Cameron Riley (crileyNO@ SPAMekmail.com)

3.4. ClickFind

ClickFind Inc. used the POI projects HSSF API to provide their medical research clients with an Excel export from their electronic data collection web service Data Collector 3.0. The POI team's assistance allowed ClickFind to give their clients a data format that requires less technical expertise than the XML format used by the Data Collector application. This was important to ClickFind as many of their current and potential clients are already using Excel in their day-to-day operations and in established procedures for handling their generated clinical data. - Jared Walker (jared.walker at clickfind.com)

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