

CASE STUDIES

Aspose.Total for Java Case Study



irisnote

Using the product to allow internal and external users to collaborate on research and accelerate discovery.

Craig Harper, CTO, November 8, 2012

About irisnote

The goal of irisnote is to provide an electronic notebook that empowers researchers and scientists today by accelerating discovery, eliminating experiment replication, and codifying institutional knowledge – all within a compliant environment.

Problem

irisnote is looking for a scalable, efficient solution for converting between various document formats. The technology team at irisnote is preparing products that allow internal and external users to collaborate on research and accelerate discovery. The solution being built allowed internal groups who had access to the products being prepared to easily share information for collaboration. However, irisnote noted that the ability to accelerate discovery was limited if any external groups who did not have access to the software or the products being prepared created friction in the sharing and collaboration environment. irisnote needed a solution and one that easily allowed any report preparer to convert Excel, Word, and PowerPoint files to PDF manually and publish them for others to see and collaborate on.

Solution

irisnote's ideal solution was one where internal users of the irisnote product, which included the Aspose.Total for Java software, could prepare reports within

irisnote without adding additional steps to convert different file types including Excel, Word, and Powerpoint file formats to PDF for sharing and collaboration. The Java components offered by Aspose needed to be developer friendly requiring a very small learning curve, clear documentation and a simple set of APIs to integrate with our software. Since irisnote has a very user-friendly interface and builds software that emphasizes a high quality user experience, it was important that this type of product did as well.

Experience

Finding a solution: irisnote obtained a 30-day temporary license for Aspose.Total for Java as well as temporary licenses to two competitors. We performed a 25-day evaluation with emphasis on the following categories:

- User Interface (UI)
- User Experience (UX)
- Features
- Licensing
- Enterprise-level Support

Implementation: irisnote spent 2 business days implementing all three solutions for a 25-day evaluation.

Outcome: irisnote evaluated Aspose.Total for Java and determined that their features and services including the enterprise-level support needed for their enterprise software was the right solution. Not only did Aspose.Total for Java provide this solution, it also gave irisnote a means of creating dynamic reports, converting MS Word document formats, Open Office document formats and

managing bar codes. Aspose.Total for Java provided a set of quick, easy to understand APIs that allowed developers to produce software while they saved irisnote significant time and money. Our developers were able to integrate Aspose.Total for Java within two days of downloading the libraries and the Documentation was excellent. The APIs were simple, straightforward and extremely powerful allowing us to add the ability to handle Excel® spreadsheets without the user having to launch Excel®, manage Word® formats such as .doc, .docx, ooxml, RTF and many more without issue. The PDF conversion was excellent and clean requiring little to no tuning. Screen shots below depict how well Aspose.Total for Java integrated with irisnote's product, how we integrate bar codes, and how easy it was to find the convert to PDF function in the UI.

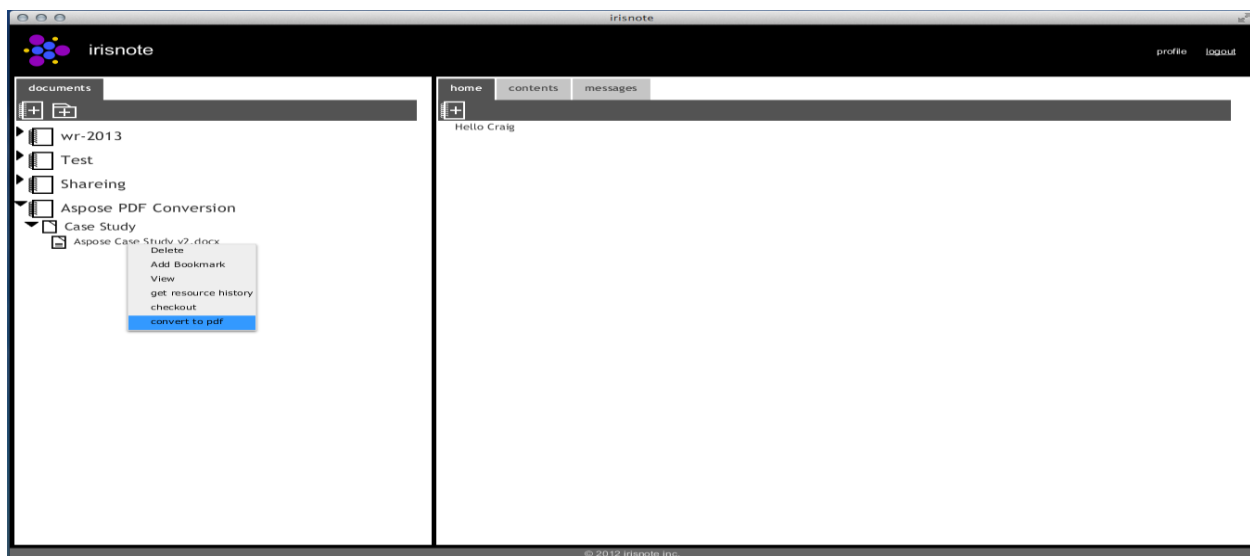


Figure 1: Aspose.Total for Java integrated into irisnote – UI shows “convert to PDF” function (.docx)

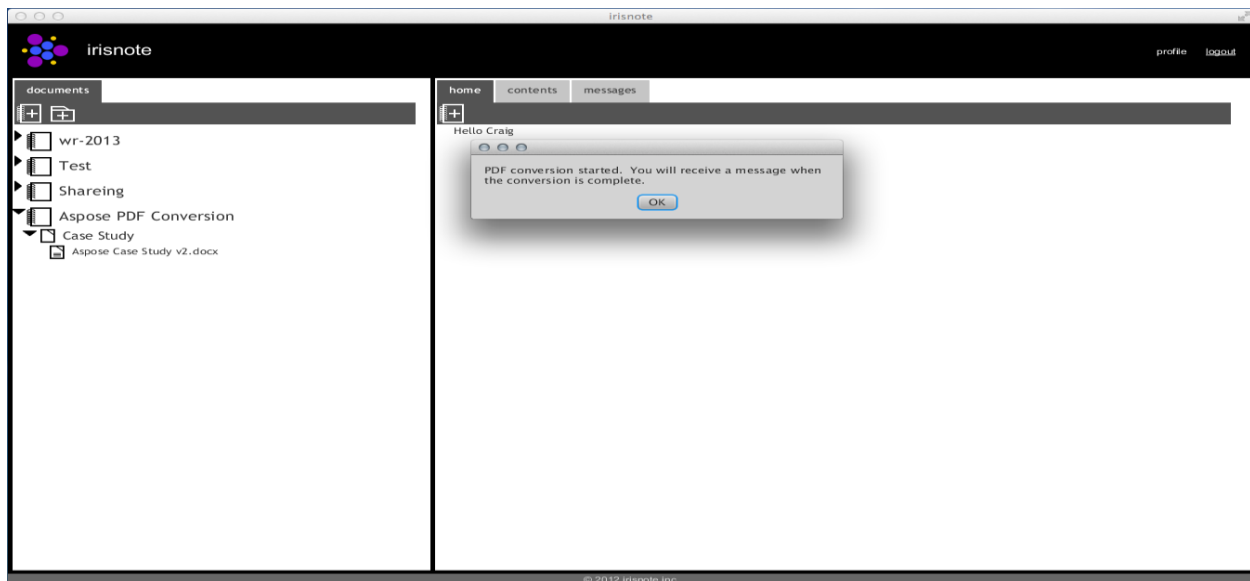


Figure 2: Aspose.Total for Java integrated into irisnote's product with status "converting to PDF"

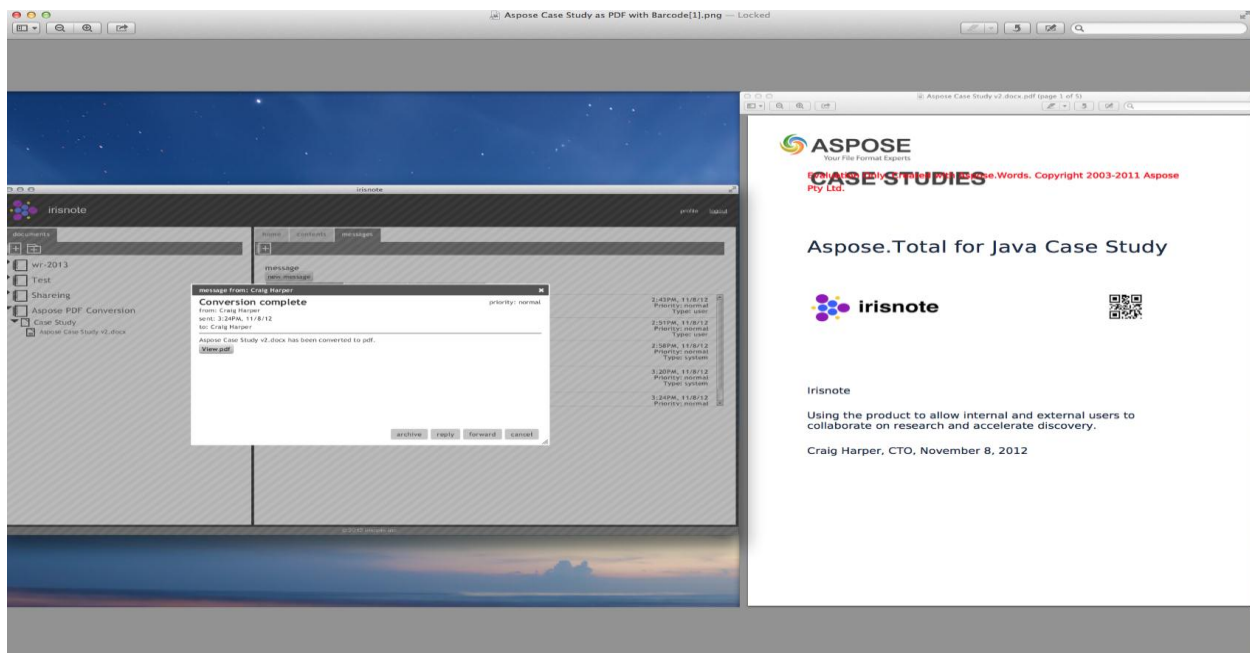


Figure 3: Notification that conversion completed. Resulting PDF shown with Aspose barcode

Next Steps

Our technology roadmap requires that we also move our focus to development in .NET as well as Java. As we approach the timeline for such development, we will be exploring Aspose.Total for .NET.

Summary

irisnote made the decision to implement Aspose.Total for Java as it met our objectives for having the most features that were deemed qualitative to our specific needs, had a clear API that was friendly, self-explanatory, easy to use and allowed any developer to immediately start building software. Our engineering team was able to produce quality results in our own product build using Aspose.Total for Java within days of implementation.