



<http://redsamuraiconsulting.com>

Industry:

- Health Insurance
- Retail
- Education
- Public Sector

Oracle Products & Services:

- Oracle Jdeveloper / Oracle ADF 11g
- ADF Faces Rich Client
- ADF Task Flows
- ADF Business Components
- Oracle WebLogic Server 11g
- Oracle WebCenter 11g
- Oracle SOA/BPM 11g

Project Scale:

- Enterprise scale projects for Oracle Forms Modernization to Oracle Fusion 11g

Credits:

Andrejus Baranovskis, CEO, Red Samurai Consulting
Grant Ronald, Oracle
Dana Singletery, Oracle

RED SAMURAI CONSULTING

"Our focus is to provide expert Oracle Fusion 11g services to our customers to modernize their Oracle Forms systems through integration/migration with Oracle Application Development Framework (ADF). Through the use of Oracle ADF we are able to get customers to quickly re-develop their Forms applications on a cutting edge Java technology." - Andrejus Baranovskis, CEO Red Samurai Consulting.

Executive Summary

Red Samurai Consulting specializes in modernizing Forms applications and found that the usage of Oracle ADF in their applications provides a complete framework on which they can architect their systems. Oracle ADF not only makes the developer skills transition smoother for those coming from a 4GL technology but it also cut down the development time for their application.

Organization

Red Samurai Consulting is a small team of experts. This allows them to be really flexible with client requirements and adjust easily to any changes. By following such an approach, they can be agile and implement real customer needs, without being constrained by limitations in the original specifications. Due to Red Samurai Consulting's proven expertise, they've been recognized as Oracle product professionals with the following awards.

- Oracle Fusion Middleware Innovation Award Winner 2010: For successful Oracle ADF 11g and Oracle WebCenter 11g implementation at Texas A&M University and for innovating blogging approach that began 5 years ago – technical blogs with sample applications.
- EMEA SOA Partner Community Award Winner 2010: This is a SOA Partner community award for outstanding contribution across the world in the areas of service oriented architectures utilizing Oracle technologies.

The Business Issue

When implementing Oracle Fusion 11g applications, one of the key requirements for success is the correct technical architecture. System architectures must be easily scalable and adoptable in the future thus minimizing maintenance cost. They must also deliver high performance and be easy to use for the end-users and Red Samurai Consulting has selected Oracle ADF as the framework of choice to mitigate these challenges for their customers.

Key Challenges

- Oracle Forms modernization to Oracle Fusion 11g requires careful re-design and re-architecture of the system. Often customers want to keep and reuse the same architecture they are using for Oracle Forms thinking that this will help guarantee a smooth transition between different systems. However, this actually introduces many problems when trying to force legacy architectures on new technologies.
- Performance and reusability are key success factors for every IT infrastructure. There is a risk to over-engineer new systems and make it too complex and slow. IT teams should always make it clear to business – what is possible and what is not.

Solution

Red Samurai quickly determined that using Oracle ADF aided in ensuring well architected, performance driven JEE applications. Once the customer has made the choice to build their application using the Fusion technology stack, Red Samurai helps the customer develop a team of strong core Oracle ADF skills through a series of coaching and task oriented sessions. The next stage has been to build reference architectures and to adopt development standards and best practices. Once these are in place, the customer has quickly moved to the development and test cycles where Oracle tools and frameworks have provided assistance in building quality applications.

As stated by Andrejus Baranovskis, CEO Red Samurai Consulting *“Oracle ADF maps to Oracle Forms concepts in numerous instances including declarative validation, declarative list-of-values, built in events, and SQL Queries to name a few, thus, providing Oracle Forms developers with a clear path to migrate their skills to a JEE Framework. This makes Oracle ADF the natural choice for our customers when redeveloping their Forms applications.”*

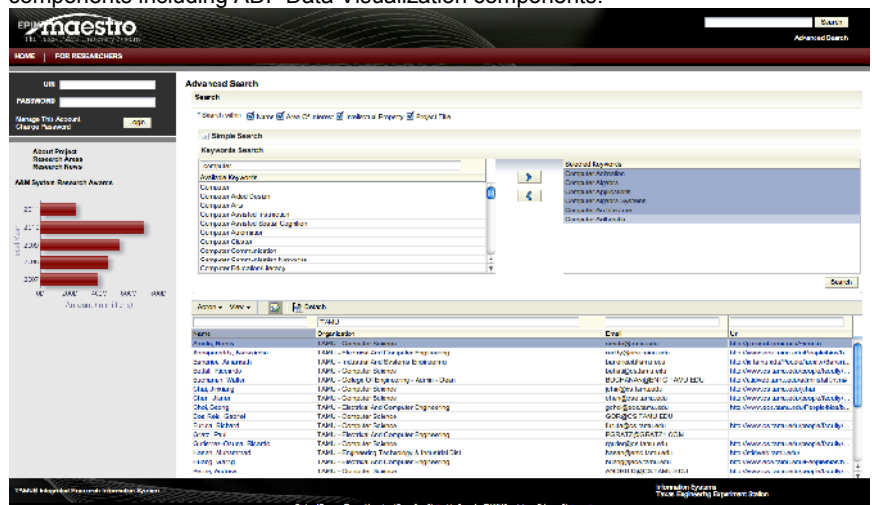
Business Value

Using Oracle ADF, Oracle Web Center and Oracle SOA Suite allows a development team to easily integrate different applications into a single portal. End-users can then easily personalize and customize these portals. With these technologies, customers are free to implement their custom applications with Oracle ADF 11g. Customers can extend these applications by utilizing Oracle WebCenter 11g portal to bring additional applications together and integrate with Oracle SOA/BPM 11g as use cases dictate. This gives real flexibility in terms of investment and allows customers to plan budgets more precisely.

As proven by Red Samurai Consulting, these technologies allow their customers to realize lower maintenance costs through a standard and unified approach for enterprise application development. In addition, they’ve rapidly built Business Services and bound those services to a UI through a set of Rich Interface Components thus reducing development time, increasing developer productivity, and reducing time-to-market of new JEE based applications which have been delivered on time and within budget.

Application View

Texas A&M University advanced search option for their Epik Masestro Research Management application. This screenshot leverages various ADF Rich Client components including ADF Data Visualization components.



PEP South Africa's internal application for managing products, suppliers, operations, procurement and more. This screenshot utilizes various ADF layout features including tabs, tabs, accordions, click to edit tables, Oracle's UI Shell and more.

