

Move your Oracle Forms to ADF with the Oracle Migration Factory



ORACLE MIGRATION FACTORY

Supports you to migrate from Oracle Forms to Oracle ADF.

- Standard, fully described and proven migration approach
- Reuse of best practices, standard and guidelines and tools
- Dedicated migration experts provide unique product knowledge and experience
- Tight monitoring of all components to be migrated

KEY BENEFITS

- Faster and accurate migration
- No need to build your own migration capability
- Reuse of best practices to prevent common pitfalls
- Based on years of migration experience thereby minimizing risks.
- Cost effective because of blended on and offshore delivery
- If you run older Forms, migration to ADF brings you to a supported environment, minimizing risks
- ADF is Oracle's strategic direction allowing you to benefit from new features improving developer productivity and usability of the application

You may still have applications that run Oracle Forms and wonder what your best next step is. When your application is running fine and you are not planning to make large changes in the future you can of course still run your Oracle Forms as you always did. For applications that are more important to you, need a modern user interface, need access to components of a service oriented architecture or require integration with Oracle Fusion Applications, Oracle's Application Development Framework (ADF) might be the better choice.

Oracle ADF

Oracle ADF is a java based framework that provides a very productive visual and declarative development environment and comes with a large amount of rich UI components to build very interactive and functional web and mobile applications. It takes care of the low level plumbing that is necessary for java applications. It is Oracle's Strategic Direction (see [statement of direction](#)) in the area of development tools. Oracle itself uses ADF to develop Fusions Application, Oracle Enterprise Manager, My Oracle Support and many other applications. For a full list of the major features of Oracle ADF please refer to this [datasheet](#).

The Oracle Migration Factory

To accelerate the migration of your existing Forms to Oracle ADF Oracle Consulting has set up a Forms2ADF Migration Factory. In this factory we have combined the best practices, standards, experiences, resources and tools to be able to efficiently and cost effectively migrate your Forms to Oracle ADF with minimal risk. This allows you to focus on the business requirements and application changes instead of setting up your own migration capability.

The end result is a modernized application that is build according the best practices with a very rich UI that will make your employees more productive and will be appealing and efficient for your customers and/or partners.

Approach

The Oracle Migration Factory uses a standard approach that consists of four phases: Discover, Analyze, Migrate and Transition.

During the *Discover* phase Oracle Consulting will do a thorough assessment of your current Oracle Forms landscape. We will provide you with a small proof of concept in which we migrate 5 to 10 Oracle Forms to ADF so you will have a better idea what you

can expect. Together with you we will determine the high level business (for instance application changes) and technical (for instance implementation of application logic) requirements and develop a road map and high level project plan. An important factor is the migration strategy; topics like a big bang versus an incremental migration, a 1 to 1 migration versus immediately incorporate new requirements to add extra value, and production readiness will be addressed. After the *Discover* phase you will have a good overview of what to expect on your journey to Oracle ADF.

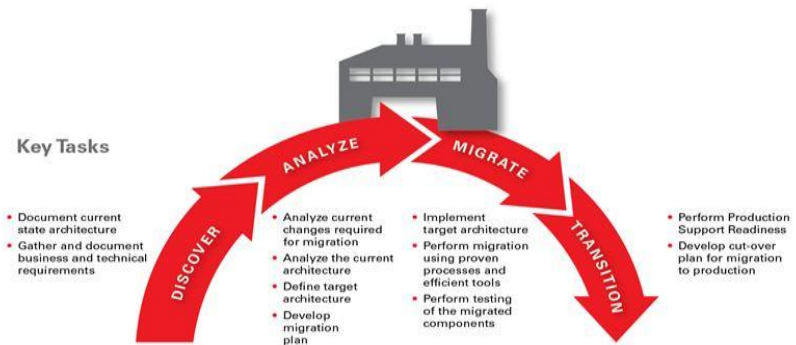


Figure 1 Overview of the Oracle Migration Factory approach

When starting the *Analyze* phase we will start up the Forms2ADF Factory for the project. This means that locally you will get assigned a project manager and an ADF-Architect and -specialist and remotely we will start up the factory resources that will execute the migration. A detailed project plan will be created that is aligned with your current release planning. Every Form will be analyzed. At that stage you can determine if you want to incorporate changes to make the existing Forms more appealing and productive. The target environments will be defined in detail and company specific standards will augment the best practice standards already available in the factory.

After the *Analyze* phase the *Migration* and testing can take place using the best practices and tools present in the factory. One of the tools used by the factory when applicable is the Forms2ADF generator of Oracle JHeadstart. This tool reads the Oracle Forms and generates the Oracle ADF components resulting in a fully functioning Oracle ADF best practices application. It will not do a 100% migration because the PLSQL is not migrated but it will give a headstart to the migration project. After the factory has finalized the testing the new ADF application will be handed over to you for acceptance testing. If you choose for an incremental approach the *Analyze* and *Migrate* phase will be repeated for every increment. This can be done in parallel to speed up the process.

As a last step the *Transition* to production has to take place. This means that the maintenance organization has to be skilled up and ready to receive the new application. End users may need to be informed or even trained when necessary. During and after the actual go live Oracle will provide support to help your staff with any questions that may arise.

As a final step Oracle Consulting can support you with new development projects to bring your application to the next level, like adding self service or mobile to your application or set up a transformation project to a service oriented architecture.

ORACLE JHEADSTART - FORMS2ADF GENERATOR

Where applicable the factory uses the Forms2ADF Generator component of Oracle JHeadstart giving you these benefits:

- Automatically transforms Oracle Forms in Oracle ADF (no PLSQL) to give a headstart to the migration
- Development paradigm of Oracle JHeadstart is very similar to Oracle Forms thereby enabling an easier transition for your developers to the new technology
- When new development is required your developers can be productive almost immediately with the new technology.
- Oracle JHeadstart includes an extra set of best practices of Oracle Consulting based on our world wide experience in building ADF applications

Accelerate Your Migration Project

Using a proven factory approach and best practice migration processes, the Oracle Migration Factory reduces traditional risks and costs associated with migration projects by focusing on these key principles: automated, repeatable, measurable, monitorable, and flexible.

Features of Oracle's Proven Factory Approach

Automated	An utility captures information about assets to be migrated and utilizes a comprehensive set of business rules to provide an accurate estimate for completion of the migration and a detailed migration plan.
Repeatable	The tool identifies specific tasks and defines the required steps, then assigns work to trained factory experts. Experts are focused on specific tasks within a migration, leading to specialization for maximum speed and accuracy
Measurable	Oracle measures the accuracy of each step for every migration that is performed and this data is fed back into the systems to provide real time improvements in the accuracy of complexity estimates and project timelines.
Monitorable	The Oracle Migration Factory provides you with periodic dashboards that highlight details about each asset being migrated. And, Oracle's migration experts utilize a task-based dashboard that provide technical instruction and estimated completion dates.
Flexible	Oracle technologists help to define and customize the migration steps based upon your unique requirements.

WHY ORACLE CONSULTING

Leading Expertise: Oracle's own experts providing thought leadership for every Oracle solution.

- Broad Coverage: "End to end" lifecycle service across the entire footprint
- Global Scale: 13,000 experts in 145 countries, serving over 20 million users.
- Unified Methodology: Based on industry standards, high quality results across complex projects.
- Flexible Delivery: Onsite, offsite, and offshore, along with innovative solutions such as Expert Services and Architecture Services



CONTACT US

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Hardware and Software, Engineered to Work Together

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