

White Paper

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E-BUSINESS SUITE

Oracle E-Business Suite 12.2.5 Upgrade Automation

Project Overview

The client owns many large brands of pet training equipment in the US and operates across 52 countries with an objective to create the most pet-friendly planet possible. IT plays a highly strategic role in their ability to create a customer-centric environment. They use a pre-12.2.x version of Oracle E-Business Suite (EBS) to run their operations and were keen to upgrade to the current version (12.2.5). ennVee was selected to complete the Oracle EBS R12.1.3 to R12.2.5 upgrade, while adhering to mutually agreed upon quality levels, time lines, and cost.

Solution Approach

The first major challenge was determining the best method for upgrading the client's highly-customized E-Business Suite environment. After analyzing the client's requirement to complete a technical upgrade as well as to enable new functionalities, we began identifying all of the impacted custom objects. The foundation of our upgrade approach was formed based on the technical upgrade, new functionalities required, and functional testing. Additionally, we proposed and agreed with the client to undergo three upgrade cycles (CRP, SIT and UAT) prior to going live in the Production instance.

During the assessment phase, we utilized ennABLE to extract the custom object details from the source instance (R12.1.3) and parse through each code to identify the changes in the 12.2.5 version.

The assessment generated an output, which highlighted every change involved in each of the identified custom objects, and segregated the custom objects into three categories: RICEFW, Database Objects, and Setups.

We identified a total of 5,539 impacted custom objects that required remediation (a breakdown is provided below).

Category	Objects
Database	2,510
Setups	937
RICEFW	2,092
Total Custom Objects	5,539

Our ennABLE accelerator also generated details on the remediation complexity and estimated amount of effort required to make changes to each custom object. This was notably conducive in planning the overall upgrade timeline and required effort.

After assessment and segregation, we ran the ennABLE tool to automatically remediate all 5,539 objects to suit the target R12.2.5 environment. All remediated code was automatically placed in the directory path which was provided by the client's IT team, and defined as either a DB directory or UTL file path as the database should access it. A mass migration script was placed in the directory path along with a MD.120 for all the remediated custom objects. After migration we provided the client a summary dashboard which highlighted the total number of remediated and migrated objects, etc. This helped reduce the amount of time and effort required to validate their customizations.

Client

- Retailer of Pet Management Products and Solutions
- Location: USA
- 501-1000 employees
- \$100-\$500 million (USD) annual revenue

Project Scope

- Upgrade Oracle E-Business Suite from R12.1.3 to R12.2.5

Tools, Technology, Applications

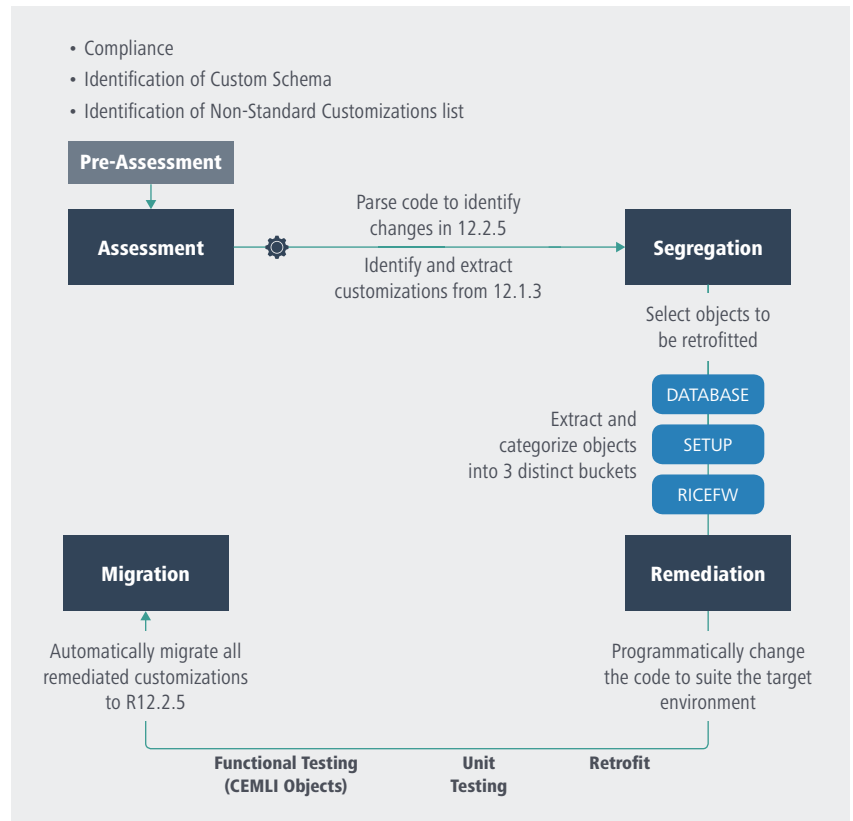
- Oracle E-Business Suite R12.1.3, 12.2.5
- EnnABLE™ Accelerator
- Oracle Forms and Reports 10g
- Putty
- Microsoft Office

Solution Process

We conducted the first Conference Room Pilot (CRP) to demonstrate the new functionality, and also included the remediated objects from the second CRP onwards. This enabled our team to test and validate the end-to-end functionality in the new instance. Automating the custom object remediation process significantly reduced the overall time required to upgrade, and amount of re-work during the SIT phase.

Outcome

- Reduced overall time and effort required to upgrade by 30%.
- 20% reduction in cutover time for technical components.
- Substantially reduced re-work by automating the custom object migration process.
- Significantly lowered cost and requirements for technical project resources for both the client and ennVee project teams.
- More time available within timeline and budget to test and re-test the upgraded solution.



Contact us to see a live demo and start your R12.2 upgrade assessment:

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