RS e-Biz Scanner

Oracle Gold Level Partner Solution Reduces EBS Upgrade Times By 70 Percent

An organization undertaking an upgrade of its Oracle E-Business Suite can approach the project in several different ways. For example, select process changes can be made in pre-determined areas. Improvements of select processes might be targeted. New modules could be added. The migration can even be treated as an entirely new implementation. Regardless of the path that is chosen, businesses that want to complete their EBS project on time and within budget must make an early and thorough assessment of the impact of the upgrade.
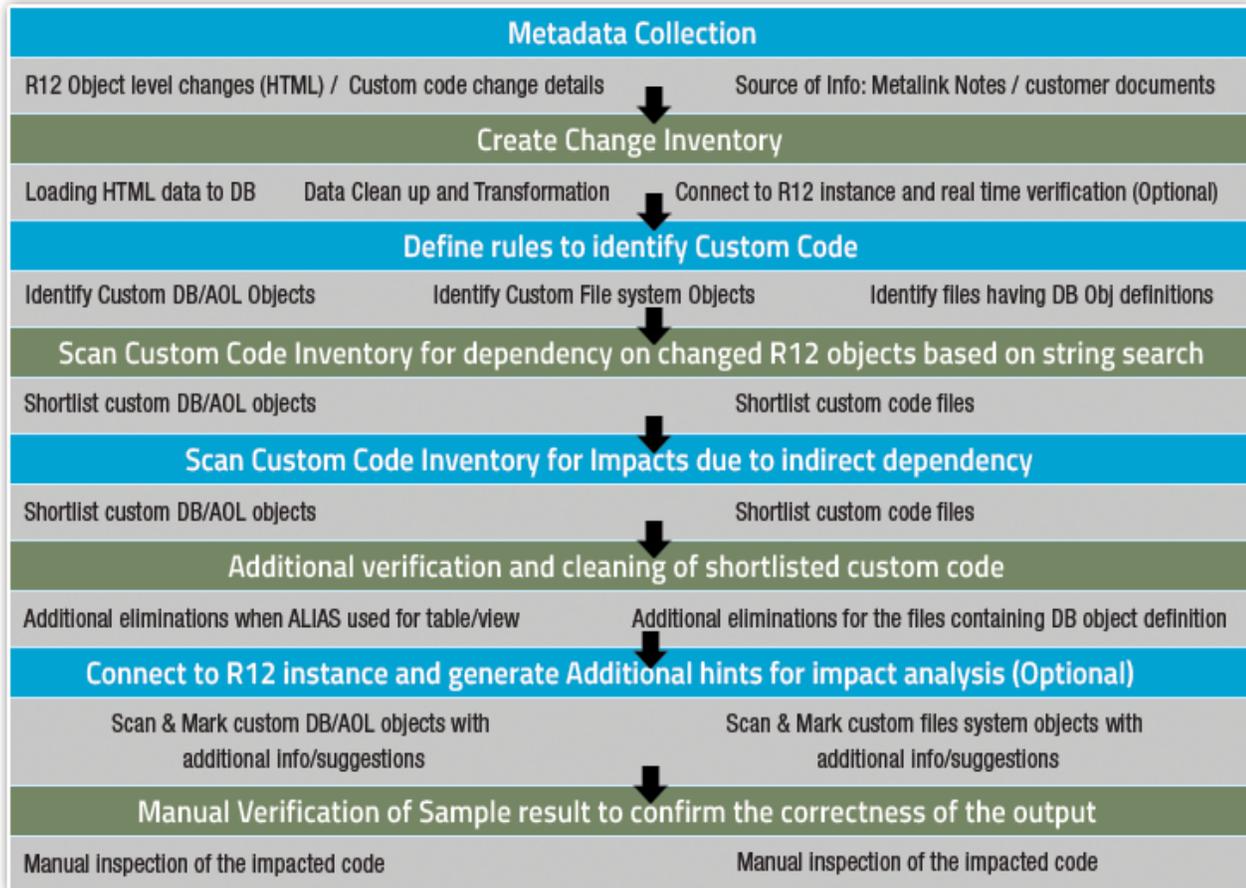
The RS e-Biz Scanner from RS Software is compatible with any version of Oracle EBS. It eliminates the business risks from Oracle EBS upgrades by providing impact analysis and dependency resolution that is 100 percent accurate with scanning and exclusion rules focused on the client's environment.   The RS e-Biz Scanner reduces upgrade times by 70 percent and optimizes the return on investment by allowing funds and resources to be reallocated to other strategic initiatives.

The RS e-Biz Scanner uses secure, non-invasive, host-based scanning that offers inclusive scanning of binary files, file system scanning for both infrastructure as well as application upgrades and scanning for all indirect dependencies. Incremental scanning can be conducted to analyze production changes during different phases of a project. The RS e-Biz Scanner employs Oracle metadata, which is validated against an actual R12 instance. It also identifies the exact impact to SQLs and proposes solutions for the SQLs impacted.

The RS e-Biz Scanner has a comprehensive reporting capability providing business level summary reporting and technical level report generation. It offers an impact analysis report for any upgrade or implementation of a company's custom code base and for important patches such as application family patches and localization patches.

Detailed and summary reports are available to document standard object and impact object changes. Organizations also can use the reporting features to locate candidate programs for regression testing to provide a higher level of quality assurance.

The diagram below provides an overview of an Oracle EBS upgrade utilizing the RS e-Biz Scanner to insure accuracy and reduce overall upgrade times dramatically.

Metadata Collection

R12 Object level changes (HTML) / Custom code change details   Source of Info: Metalink Notes / customer documents

Create Change Inventory

Loading HTML data to DB   Data Clean up and Transformation   Connect to R12 instance and real time verification (Optional)

Define rules to identify Custom Code

Identify Custom DB/AOL Objects   Identify Custom File system Objects   Identify files having DB Obj definitions

Scan Custom Code Inventory for dependency on changed R12 objects based on string search

Shortlist custom DB/AOL objects   Shortlist custom code files

Scan Custom Code Inventory for Impacts due to indirect dependency

Shortlist custom DB/AOL objects   Shortlist custom code files

Additional verification and cleaning of shortlisted custom code

Additional eliminations when ALIAS used for table/view   Additional eliminations for the files containing DB object definition

Connect to R12 instance and generate Additional hints for impact analysis (Optional)

Scan & Mark custom DB/AOL objects with additional info/suggestions   Scan & Mark custom files system objects with additional info/suggestions

Manual Verification of Sample result to confirm the correctness of the output

Manual inspection of the impacted code   Manual inspection of the impacted code

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