

Safyr® for Enterprise Information Management

Optimising discovery for ERP & CRM systems

Discover

Rapid, automated extraction of all metadata from your Enterprise Applications including SAP, Oracle, Salesforce, Microsoft and others as implemented

Scope

Use Safyr to search for and easily isolate the tables, relationships, fields and components in your Enterprise systems in the context of your data projects.

Rapidly locate where Personal Data is stored for GDPR purposes

Deliver

Faster and more accurate project delivery by improving Source Data analysis productivity by up to 90%

Export results to modelling, integration, metadata management and other tools

Safyr® is a unique software product designed solely for the purpose of giving you fast access to complete and accurate metadata from your ERP and CRM systems as implemented in a manageable and comprehensible way. It helps to save time, reduce costs and improve the business' trust in the data being delivered.

At some point in your Information or Data Management project, someone is going to ask the question "Where's the data?" or possibly "Where do we put the data?" in relation to the systems used in the project. Answering these questions requires an understanding of the source metadata or data model which is gained through data discovery or preparation, source data analysis or metadata discovery processes.

Doing this effectively is critical to the success of any data governance, catalogue, warehouse, migration, master or metadata management project.

For many data sources such as file systems, home grown databases, small packages, social media, machines and sensors, external sources etc. this is a relatively easy task and there are a number of tools and techniques available to help you.

If your project needs to include data from an ERP or CRM system, discovery is much more of a challenge. The characteristics of these applications are such that standard tools are ineffective and manual methods simply take too long. Using templates or reference models also present significant problems because they do not represent the system as implemented.

The result is that without a specialist product designed to optimise ERP and CRM metadata discovery, the realisation of project benefits may be delayed, costs can spiral out of control and the business' trust in data can be compromised.

Why ERP & CRM metadata is hard to find

ERP and CRM systems have particular characteristics which hinder the process of locating, understanding and exploiting their metadata for discovery, preparation or analysis purposes.

Large Data Models

ERP and CRM data models are usually counted in the tens of thousands of tables. Even a Salesforce system can have over 3,000 tables. It takes a lot of time and scarce or expensive resource to navigate and search for the tables needed for your project by hand.

Opaque, complex & inaccessible metadata

Most systems provide little metadata of any value in the RDBMS System Catalogue. e.g. Logical names and table relationships are missing. Any useful metadata is usually stored in Data Dictionary tables.

Without specialist tools or knowledge it is difficult to access and use this information.

Customisations

Almost all systems have been customised at the data level. This renders templates and reference models ineffective because they need to be compared with what has been implemented.

Optimising ERP & CRM discovery

Safyr® is the only product which provides you with a viable solution to the challenge of locating and using the relevant tables in ERP and CRM systems.

- It replaces time consuming, expensive approaches which rely on manual intervention or consulting resources.
- It removes the need to use templates, reference models, internet search or guesswork from metadata discovery.
- Safyr makes sure you are working with accurate information because the metadata is coming from your systems as implemented.
- You can use business English terms in Safyr to search for relevant items across all fields and all tables in seconds.
- Results can be exported to Data Catalogue, Glossary and Dictionary platforms or to products such as Microsoft Excel.



Applications

- SAP
- SAP BW
- SAP on HANA
- SAP S/4HANA
- Oracle E-Business Suite
- JD Edwards
- Siebel
- PeopleSoft
- Salesforce and Force applications
- Microsoft AX 2012
- Microsoft Dynamics CRM

'ETL for METADATA'

For applications not included above Safyr can be configured to map their metadata into its own metamodel. Please contact Silwood to discuss your particular requirements

Pre-configured content

Business contextual metadata content is provided for a number of packages including SAP, JD Edwards and others

Export results

Results of Safyr analysis can be exported to a wide variety of Information, Metadata and Master Data Management solutions as well as all the main Data Modeling tools



Safyr®: Single source of trusted ERP and CRM metadata

Safyr is used by organisations worldwide to ensure that their data analysts and architects have access to accurate, up to date packaged ERP and CRM metadata to support their Information Management projects and initiatives.

Safyr gives them visibility into the complete data model underpinning their enterprise systems, as implemented, within a matter of a few hours from connection. No specialist knowledge is required.

Customers using Safyr have experienced productivity gains of over 90% when compared to traditional manual or semi-automated methods for finding the data needed in large, complex and customised packaged applications.

Implementing Safyr removes the dependence on application specialists or costly external consultants. It gives control of metadata discovery to staff who are charged with integrating, managing and exploiting the enterprise data ecosystem and allows them to be able to find the data they need for their projects quickly and easily.

Companies who use Safyr to make accurate metadata available and usable so quickly, avoid the bottleneck usually associated with data discovery or preparation. In addition they have improved confidence and trust in the quality of the data they are using.

How does it work?

Safyr connects to the Data Dictionary tables of the target system and retrieves the relevant metadata they contain.

This includes logical and physical names together with descriptions and other details, where available, for all tables and fields. All customisations or extensions are included in the extraction process.

This information is stored in a Repository. Safyr also builds the relationships between the tables and an Application Hierarchy, where available, from the information it retrieves.

The user then has access to a broad range of search, filtering and analysis functions which make it easy to locate the tables being searched for. Searches can be performed globally, as text strings in any object or in the context of a transaction, programme or view. Further filtering can be applied using for example only tables with data.

Results are stored in Subject Areas which can be used as a basis for further analysis, for comparison, visualisation or export to erwin Data Modeler and other technologies.

Predefined data driven Subject Areas

For some applications (SAP, Salesforce, Microsoft Dynamics AX, JD Edwards, Oracle E-Business Suite and Siebel), Silwood provide predefined Subject Areas for popular business functions. These work with the application as implemented and so any customisations made to the tables will be reflected when visualised or exported.



“...every major user of an Oracle or SAP application should be a Safyr customer..”

Philip Howard
Bloor Research

Services available

- Consulting
- Technical Support
- Product Training
- Product Updates

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