## FIS/xee® Workbench

## **Testing Environment for Data Exchange**





# Quick, Flexible and Reliable Interface Processes Implemented Easily

#### **Business Issue**

Information flows are becoming more commonplace within an organisation and also across corporate boundaries to both customers and suppliers.

An organisation may have a standard information exchange format internally but may need to import and export data in several different formats to a wide range of IT systems.

Organisations must therefore be able to respond quickly and reliably to new requests and requirements both internally and also from external parties.

#### FIS/xee® Workbench

Whether your organisation has classical integration processes such as EDI based on standard formats (EDIFACT, VDA etc.), or more recent web-service processes; FIS/xee® Workbench provides an ideal method of creating and testing new data exchange environments. The FIS/xee® Workbench is a submodule of the FIS/xee® all-in-one solution the development tool for graphical mappings.

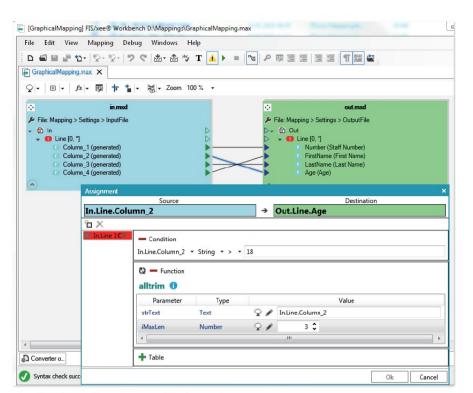
#### **Graphical Mappings**

The graphical application tool with FIS/xee® Workbench is best suited to flat file formats such as CSV. The users can define the rules for restructuring different formats without the need for additional programming skills.

The catalogue data of external parties, for instance, is frequently converted into a standardised format and transferred to the target system. This procedure can be very time consuming. With graphical mappings the process is simplified and made more efficient.

### **Key Benefits**

- Comprehensive and integrated test environment including code debugging
- Drag and Drop for simple field assignments
- Automatic Code Completion
- Extensive function library with examples
- Numerous "Code Snippets" for frequently used statements
- Smart keys and for quick commands







Direct link to the SAP system

FIS/xee® Workbench – graphical mapping

#### The Development Process

The logic of file formatting or file conversion is mapped via easy to follow statements based on the programming language implemented by the FIS/xee® system.

The language provides everything from simple field assignments and individually definable functions to more complex algorithms, in order map interface processes in current external systems.

It is possible, for instance, to integrate database queries or Web service look-ups into the processes. The actual development process is accelerated using a comprehensive function library.

Complex coding is replaced by Drag&Drop functions making the entire process more efficient. *Code Snippets* and *Smart Keys* are utilised to insert default statements.

Standardised input and output structures are provided by FIS. Individual structures based on databases, CSV files or xml data are automatically generated using the respective wizards. The structures can also be created manually if necessary.

#### **Integrated Test Environment**

At the initial stages of implementation and following the methodology of Agile software development, the developer will be given test support as well as support for additional iterative developments.

In this way, the test data of an external system can be imported into the default structures and then validated.

The integrated debugger function within the workbench enables a detailed check of individual statements or the check of field content relative to the runtime.

#### Mappings in the FIS/xee® System

Mappings are managed and versioned within a separate SAP transaction of the FIS/xee® subsystem.

After a system start with the Subsystem, the mappings will automatically be synchronised.

Using the corresponding interface, the version database integration in SAP can be accessed directly via the *FIS/xee*® Workbench.

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