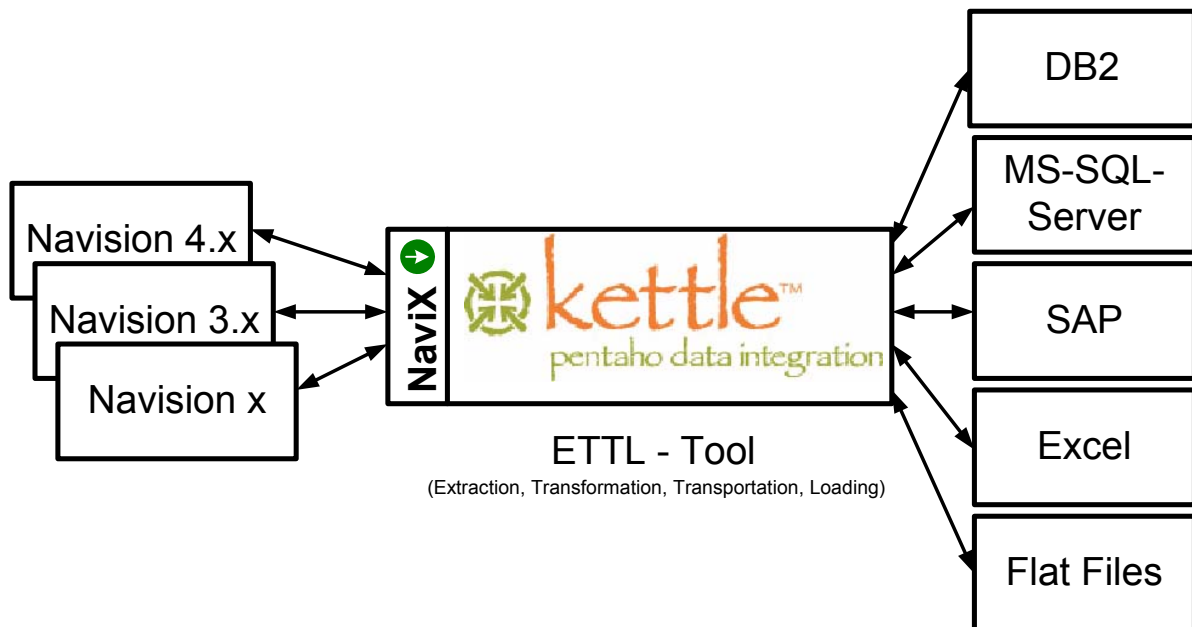




Navix

Navix is a Navision Connector for Pentaho™ Data Integration based on the Open-Source-Project Kettle.



Pentaho™ Data Integration Kettle

Pentaho Data Integration kettle delivers powerful Extraction, Transformation and Loading (ETL) capabilities using an innovative, metadata-driven approach. The ease of use in the graphical, drag-and-drop design increases productivity and the extensible, standards based architecture ensures that you will never be forced to adopt proprietary methodologies into your ETL solution. As an ETL-Tool it helps you to setup a Data Warehouse, and for your information integration needs it acts as an EII-Tool (Enterprise Information Integration). With the combination of Pentaho™ Data Integration and Navix you have a professional and user-friendly tool available for your Navision data access needs.

NaviX – Navision TM Connector

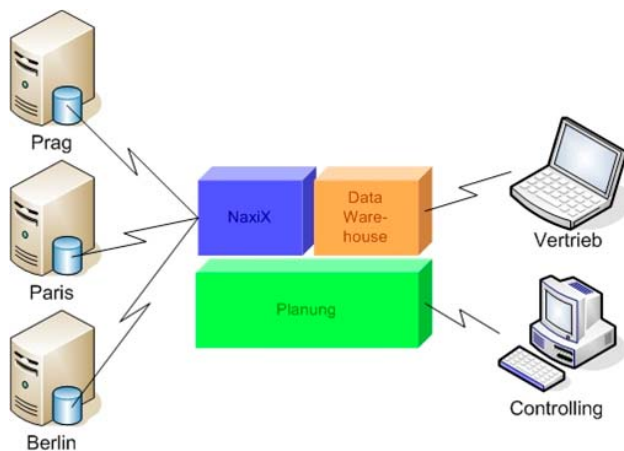
Performant and easy integration of your Navision-Data in other systems.

With our Navision – Connector **NaviX** you achieve comfortable and high performed access to your complete Navision Data. The benefits of NaviX are:

- High performed extraction from one Navision system to another
- Easy and concurrent use of different Navision versions by API-copying
- Support of different Codepages
- Microsoft -SQL-Server TM Bypass
- FlowField-Calculation: Support the intern calculation of FlowFields
- Optiontranslation: direct translations of present option fields
- Multithreading: simultaneous access to multiple tables
- Ease of use

Examples:

Business Intelligence



In Europe, a company has different local Navision systems in use. The information of the different systems should be consolidated, condensed and analysed in a central DWH. The target of this process should be an analyse of the product groups, accounts and customers.

Data exchange

A company is planning to realise the future exchange of order data including the debtors via XML. The pure order data and also the results and the feedback of the transfer is to be made in the existing system.



Connection Dialog



The screenshot shows the 'Navix Table Output' dialog box with the 'Navision Connection' tab selected. The 'Step name' is 'Navision Plugin'. The 'Navigation Driver Path' is 'D:\usr\temp\navDrivers\'. The 'Navigation License File' is empty. The 'Navigation Server' is empty. The 'Navigation Database' is 'D:\Navision06_Client\database.fdb'. The 'Navigation Driver' is 'NDBCN'. The 'Protocol Type' is 'tcp'. The 'Username' and 'Password' fields are empty. There are checkboxes for 'Use different SQL Connection' and 'Use Variable for Connection'. The 'Verbindung' dropdown is set to 'pubs'. Buttons for 'Check Entries', 'Apply', 'OK', 'Cancel', and 'License' are at the bottom.

Specification of the Navision driver and definition of the connection type. Declaration of the standard settings and also declaration of parameters like SQL-Server Bypass and other.

Table Dialog

The screenshot shows the 'Navix Table Output' dialog box with the 'Navision Table' tab selected. The 'Step name' is 'Navision Plugin'. The 'Navigation Company' is 'CRONUS España S. A.'. The 'Navigation Table Number' is '27'. The 'Navigation Table Name' is 'Item'. There are checkboxes for 'With Option Translation', 'With FlowField Calculation', 'Add CompanyName to OutputRow', and 'Use alternate Field Names'. The '3.7 Date Time Format' is 'd.M.yy H:m'. The 'Default Option Value' is empty. Buttons for 'Check Entries', 'Apply', 'OK', 'Cancel', and 'License' are at the bottom.

Entering or selecting of the appointed client. Identification of the tables are necessary. Allowance of options like FlowField Calculation and Option Translation

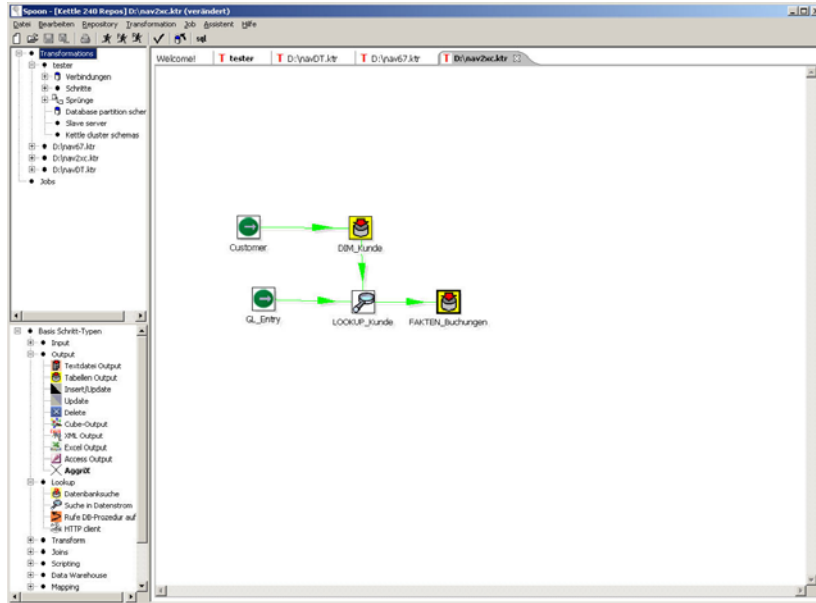
Fields Dialog

The screenshot shows the 'Navix Table Output' dialog box with the 'Navision Table Fields' tab selected. The 'Step name' is 'Navision Plugin'. A table lists various fields with columns for No., Name, Alt. Name, Type, Len, S..., Class, Active, Condition, and Option Values. Buttons for 'Refresh', 'Deactivate', 'Activate', 'Select All', and 'Unselect' are on the right. Buttons for 'Check Entries', 'Apply', 'OK', 'Cancel', and 'License' are at the bottom.

No.	Name	Alt. Name	Type	Len	S...	Class	Active	Condition	Option Values
1	No.	No.	Code	20	22	Normal	true		
2	No. 2	No. 2	Code	20	22	Normal	true		
3	Description	Description	String	30	31	Normal	true		
4	Search Description	Search Description	Code	30	32	Normal	true		
5	Description 2	Description 2	String	30	31	Normal	true		
6	Bill of Materials	Bill of Materials	Boolean	4	4	FlowField	false		
7	Class	Class	Code	10	12	Normal	false		
8	Base Unit of Measure	Base Unit of Me...	Code	10	12	Normal	false		
9	Price Unit Conversion	Price Unit Conve...	Integer	4	4	Normal	false		
10	Inventory Posting Group	Inventory Postin...	Code	10	12	Normal	true		
11	Shell No.	Shell No.	Code	10	12	Normal	true		
12	Item Disc. Group	Item Disc. Group	Code	10	12	Normal	true		
13	Allow Invoice Disc.	Allow Invoice Disc.	Boolean	4	4	Normal	true		
14	Statistics Group	Statistics Group	Integer	4	4	Normal	true		
15	Commission Group	Commission Group	Integer	4	4	Normal	true		
16	Unit Price	Unit Price	Decimal	12	12	Normal	false		
17	Price/Profit Calculation	Price/Profit Calc...	Option	4	4	Normal	false		Profit=Price-Cost
18	Profit %	Profit %	Decimal	12	12	Normal	false		
19	Costing Method	Costing Method	Option	4	4	Normal	false		FIFO,LIFO,Specif
20	Unit Cost	Unit Cost	Decimal	12	12	Normal	false		
21	Standard Cost	Standard Cost	Decimal	12	12	Normal	false		
22	Last Direct Cost	Last Direct Cost	Decimal	12	12	Normal	false		
23	Indirect Cost %	Indirect Cost %	Decimal	12	12	Normal	false		
24	Vendor No.	Vendor No.	Code	20	22	Normal	false		
25	Vendor Item No.	Vendor Item No.	String	20	21	Normal	false		
26	Lead Time Calculation	Lead Time Calcul...	DataFormula	32	32	Normal	false		
27	Reorder Point	Reorder Point	Decimal	12	12	Normal	false		
28	Maximum Inventory	Maximum Invent...	Decimal	12	12	Normal	false		
29	Reorder Quantity	Reorder Quantity	Decimal	12	12	Normal	false		
30	Alternative Item No.	Alternative Item...	Code	20	22	Normal	false		
31	Unit List Price	Unit List Price	Decimal	12	12	Normal	false		
32	Duty Due %	Duty Due %	Decimal	12	12	Normal	false		
33	Duty Code	Duty Code	Code	10	12	Normal	false		
34	Gross Weight	Gross Weight	Decimal	12	12	Normal	false		
35	Net Weight	Net Weight	Decimal	12	12	Normal	false		

Selection of the fields in the tables with easy marking and activating. Define of the desired results with help of the special C/SIDE constraint logic.

Standard Workflow



Example DataWarehouse-Workflow of the simultaneous transfer of two Navision tables.

Using the table Customer as dimension. and simultaneous transfer of the determined key for creating the metric.

proconis GmbH

We actively support you with, and provide training for the installation, implantation, as well as the connection to your ERP-system

Further Informationen

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