



DEM (Data Export Module)

Flexibility

The module allows for any data export within the database

Universality

Export can be made from any database, not only the database of the LEO system

Automation

Thanks to the use of the BPS plug-in the export can be achieved in a completely automatic way, at a set time, without the participation of the operator

Easy use

The use of the module takes place within a convenient and simple wizard, where the operations are carried out step by step

DEM module is...

a tool that enables the data export from any chosen database and that allows its saving to the external file as TXT, HTML or a different database. There are different exemplary purposes of the module and they can be among others: transfer the data from the local IT system to the headquarters of the company, the external systems of the risk assessment, supplying of the external data warehouse and the sending of data like invoices to the printhouse, which is indispensable in the co-operation with the external companies. Moreover, it can be used to prepare the tables containing the aggregated data for the needs of the Crystal Reports.

Profile of the generation...

is a set of related SQL queries together with the XML file that defines the date structure. Each profile of the generation can contain any number of queries. Most often one SQL query is a control query, whose values can be transferred to the proceeding queries from the profile and they can be used as

parameters for the contract or client's number. Save format describes how to write and where to save the data obtained by the profile generation. There are two types of files to choose from: TXT or XML and the export to the database table. While selecting one of the file types its location and name have to be indicated, for example C:\ADH-Soft\Test.txt. With the names of the files, there is a possibility to use the built-in variables, such as current date and time. The choice of SQL, and the method of saving the file, means that the data will be saved to a designated table in the specified database.

Each of the SQL queries...

included in the generation profile can be run on a different database and then the results compiled in one set. Such prepared data can be used to perform a series of analysis, which might be impossible or difficult to perform and time-consuming in cases where individual data is in different places of LEO system, or in an entirely different systems. The undoubted advantage of the DEM module is the possibility to use the built-in functions of the LEO system. With this functionality is not necessary to write complex SQL queries to retrieve the value, that we are interested in. It is just enough to use the prepared function by only giving the parameters. This way of collecting the data not only ensures full data compatibility between LEO system and the export, but also it quickens the work for the preparation of the export profiles and for the export process itself. A huge advantage is the ability to embed a Delphi code. This gives almost unlimited possibilities in the processing of data from the database before saving them

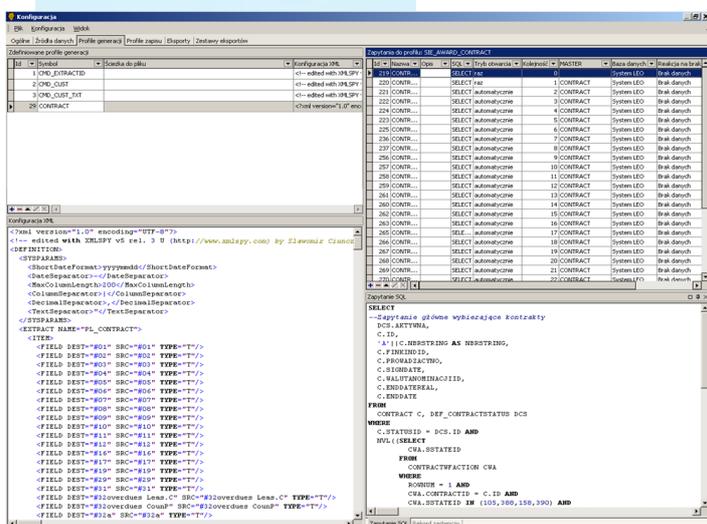


Fig. Creating the SQL queries sets

in the target location. In the case of saving the data in different database it is just enough to ascribe the value to the particular field in the pre-prepared table in the database. If the export of data is being made to the file, there is an opportunity to define additional parameters such as type of data, adjustment of the text, data separators, definition of a proceeding symbol, length of the field, and data format. There is also a wide set of variables based on the system date and time or logged-in operator, which can be used as the parameters with the SQL queries and with the names of the output files.

Data Export Wizard...

has been maximally simplified. The user of the module does not have to comprehend the mechanisms behind the export, nor to prepare the export profiles. All that the user of the DEM module has to do is to choose the data set in the wizard and to give the period from which the data is to be exported. If You order the additional module for automatic data processing BPS (Batch Process System) with the plug-in to DEM module, using the wizard will not be necessary at all.

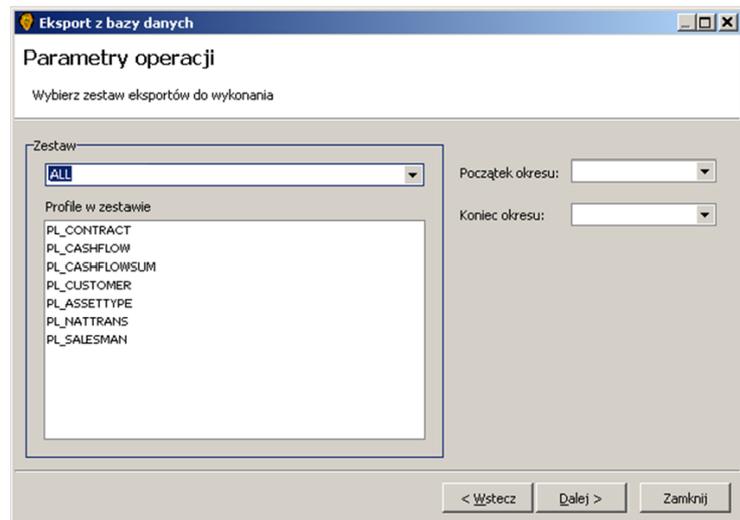


Fig. User works with the easy wizard

Full automation of the entire process...

will improve your work even more, thanks to the use of the BPS plug-in. This specially designed tool works as a Windows service, operates independently of the LEO system which means that the process is carried out automatically, without intervention of the user. Allows the cyclic execution of data export via the export of selected profiles - as defined by the administrator. Export starts at a specified date and time specified by the administrator, for example, every Friday night. The administrator can also define additional tasks that are going to be completed after the data export is finished, for example, preparing any report from Crystal Reports or sending e-mails or SMS, containing the information about the export results.

DEM module implementation...

usually takes up to a few weeks and it depends on the number and complexity of the export profiles. After the module is installed, the programming of the export profiles takes place, with everything completed on the basis of the specifications provided by the client. Work on this is completed mainly by the ADS consultant who co-operates closely with the substantive administrator and with the administrator of the external system, to which the data will be exported to.

Asseco Data Systems S.A.
ul. 17 Stycznia 48
02-146 Warsaw, Poland
tel./fax: +48 (22) 646-70-12

www.assecods.pl

