Data Export for DB2
User's Manual

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This manual documents EMS Data Export for DB2

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Document generated on: 09.08.2017
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Part I
1 Welcome to EMS Data Export!

EMS Data Export for DB2 is a powerful program to export your data quickly from DB2 databases to any of 20 available formats, including MS Access, MS Excel, MS Word (RTF), HTML, XML, PDF, TXT, CSV, DBF, ACCDB and more. Data Export for DB2 includes a wizard which allows you to set export options for each table visually (destination file name, exported fields, data formats, and many others) and a command-line utility to export data from tables and queries in one-touch.

Visit our web-site: http://www.sqlmanager.net/ for details.

Key features:

- Exporting data to 20 most popular formats: MS Excel, MS Access, MS Word, RTF, HTML, PDF, XML, TXT, DBF, CSV, ODF, SYLK, DIF, LaTeX, SQL, ACCDB, Clipboard and others
- Exporting data from several tables, views or queries at the same time
- Selecting fields to export and changing their order
- Adjustable parameters for each exported table and specific parameters for each output format
- Saving all export parameters set on current wizard session to the configuration file
- Command-line utility to automate your export jobs using the configuration file
- Latest DB2 version support
- User-friendly localizable wizard interface

Product information:

Homepage: http://www.sqlmanager.net/en/products/db2/dataexport
Support Ticket: http://www.sqlmanager.net/support
System: Register online at: http://www.sqlmanager.net/en/products/db2/dataexport/buy
1.1 What's new

<table>
<thead>
<tr>
<th>Version</th>
<th>Release date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Export for DB2 3.7.2</td>
<td>August 09, 2017</td>
</tr>
</tbody>
</table>

What's new in EMS Data Export?

- BLOB fields can be exported to Base64 strings for text formats now.
- Adding of BOM is optional now.
- The errors in using Before export script have been fixed.
- The message about deleted tables was not added to the log. Fixed now.
- The error of exporting view data has been fixed.
- Dates were incorrectly exported to XLSX in some cases. Fixed now.
- Data was not exported correctly to TXT with "User-defined column width" option on. Fixed now.
- Many other improvements and bugfixes.

See also:

Version history
1.2 System requirements

- 512 MB RAM or more
- 50MB of available HD space for program installation
- DB2 Run-Time/Administrative Client 8.0 or higher
- IBM® DB2 Connect (in case of using z/Series, iSeries, pSeries platform servers)
- Supported DB2 UDB server versions: from 8.1 up to 9.5
1.3 Installation

If you are **installing Data Export for DB2 for the first time** on your PC:
- download the Data Export for DB2 distribution package from the download page available at our site;
- unzip the downloaded file to any local directory, e.g. C:\unzipped;
- run DB2ExportSetup.exe from the local directory and follow the instructions of the installation wizard;
- after the installation process is completed, find the Data Export shortcut in the corresponding group of Windows Start menu.

If you want to **upgrade an installed copy of Data Export for DB2** to the latest version:
- download the Data Export for DB2 distribution package from the download page available at our site;
- unzip the downloaded file to any local directory, e.g. C:\unzipped;
- close Data Export application if it is running;
- run DB2ExportSetup.exe from the local directory and follow the instructions of the installation wizard

---

**See also:**

*System requirements*
1.4 How to buy Data Export

To make it easier for you to purchase our products, we have contracted with share-it! registration service. The share-it! order process is protected via a secure connection and makes online ordering by credit/debit card quick and safe. The following information about share-it! is provided for your convenience.

Share-it! is a global e-commerce provider for software and shareware sales via the Internet. Share-it! accepts payments in US Dollars, Euros, Pounds Sterling, Japanese Yen, Australian Dollars, Canadian Dollars or Swiss Franks by Credit Card (Visa, MasterCard/EuroCard, American Express, Diners Club), Bank/Wire Transfer, Check or Cash.

If you have ordered EMS software online and would like to review your order information, or if you have questions about ordering, payments, or shipping procedures, please visit our Customer Care Center, provided by Share-it!

Please note that all of our products are delivered via ESD (Electronic Software Delivery) only. After purchase you will be able to immediately download the registration keys or passwords and download links for archives of full versions. Also you will receive a copy of registration keys or passwords by e-mail. Please make sure to enter a valid e-mail address in your order. If you have not received the keys within 2 hours, please contact us at sales@sqlmanager.net

To obtain MORE INFORMATION on this product, visit us at http://sqlmanager.net/en/products/db2/dataexport

<table>
<thead>
<tr>
<th>Product distribution</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>EMS Data Export for DB2 (Business license) + 1-Year Maintenance*</td>
<td></td>
</tr>
<tr>
<td>EMS Data Export for DB2 (Business license) + 2-Year Maintenance*</td>
<td></td>
</tr>
<tr>
<td>EMS Data Export for DB2 (Business license) + 3-Year Maintenance*</td>
<td></td>
</tr>
<tr>
<td>EMS Data Export for DB2 (Non-commercial license) + 1-Year Maintenance*</td>
<td>Buy Now!</td>
</tr>
<tr>
<td>EMS Data Export for DB2 (Non-commercial license) + 2-Year Maintenance*</td>
<td></td>
</tr>
<tr>
<td>EMS Data Export for DB2 (Non-commercial license) + 3-Year Maintenance*</td>
<td></td>
</tr>
<tr>
<td>EMS Data Export for DB2 (Trial version)</td>
<td>Download Now!</td>
</tr>
</tbody>
</table>

*EMS Maintenance Program provides the following benefits:

- Free software bug fixes, enhancements, updates and upgrades during the maintenance period
- Free unlimited communications with technical staff for the purpose of reporting Software failures
- Free reasonable number of communications for the purpose of consultation on operational aspects of the software

After your maintenance expires, you will not be able to update your software or get technical support. To protect your investments and have your software up-to-date, you need to renew your maintenance.

You can easily reinitiate/renew your maintenance with our online, speed-through
Maintenance Reinstatement/Renewal Interface. After reinitiating/renewal you will receive a confirmation e-mail with all the necessary information.

See also:
How to register Data Import
1.5 How to register Data Export

To **register** your newly purchased copy of EMS Data Export for DB2, perform the following:

- receive the notification letter from **Share-it!** with the registration info;
- enter the **Registration Name** and the **Registration Key** from this letter;
- make sure that the registration process has been completed successfully – check the registration information at the **startup page**.

---

See also:

[How to buy Data Export](#)
1.6 Version history

<table>
<thead>
<tr>
<th>Product name</th>
<th>Version</th>
<th>Release date</th>
</tr>
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<tr>
<td>Data Export for DB2</td>
<td><strong>Version 3.7.1</strong></td>
<td>April 28, 2016</td>
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<tr>
<td>Data Export for DB2</td>
<td><strong>Version 3.7.0.1</strong></td>
<td>June 9, 2014</td>
</tr>
<tr>
<td>Data Export for DB2</td>
<td><strong>Version 3.6.0.1</strong></td>
<td>January 28, 2013</td>
</tr>
<tr>
<td>Data Export 2011 for DB2</td>
<td><strong>Version 3.3.0.1</strong></td>
<td>February 17, 2010</td>
</tr>
<tr>
<td>Data Export 2007 for DB2</td>
<td><strong>Version 3.2.0.1</strong></td>
<td>February 25, 2009</td>
</tr>
<tr>
<td>Data Export 2007 for DB2</td>
<td><strong>Version 3.1.0.1</strong></td>
<td>May 22, 2008</td>
</tr>
</tbody>
</table>

**Version 3.7.1**

- Support of the latest version of OpenSSH added.
- Memory usage has been improved.
- The template was loaded incorrectly with Studio. Fixed now.
- Data from views was incorrectly exported in console version. Fixed now.
- Now timestamp format in exported file name can be adjusted.
- User-defined field formats were not loaded from the template. Fixed now.
- Many other improvements and bug-fixes.

**Version 3.7.0.1**

- DOCX. The possibility to insert images from BLOB-fields to the table is implemented.
- XML. Export of binary data from BLOB-field with HEX and Base64 format is implemented.
- Numeric template and date and time template formats refer to the standard Windows formats.
- Passive connection mode is implemented when uploading file to FTP-server.
- XLS. When adding the hyperlink to another *.xls file, at times the link turned out to be broken. Fixed now.
- SQL. When inserting the large number of records, "Out of memory" error occurred. Fixed now.
- MDB, ACCDB. Integer type fields were exported as text. Fixed now.
- CSV. The export to UTF-8 coded files did not work. Fixed now.
- XML. When exporting data with spaces, ordinary spaces were replaced with nonbreaking spaces. Fixed now.
- Other improvements and bugfixes.

**Version 3.6.0.1**

- Added the possibility to upload the exported files to FTP server.
- Added the possibility to add date/time to the exported file name.
- Added the possibility to execute SQL scripts before and after exporting the object.
- Now the program template is created as a single file.
- Now the localization is also available in the console version.
- Now the binary data can be exported as HEX.
- Export to SQL. Added the possibility to create a single INSERT statement.
- Export to Excel (xls). Now you can set the specified number of rows to split the exported data into the worksheets in Excel.
• Now you can save changes to a template without recalling the save dialog.
• Loading from a template caused SQL queries corruption. Fixed now.
• Other minor improvements and bugfixes.

Version 3.5.0.1
• Added the possibility to export data to MS Access 2007 (*.accdb Microsoft Access Database Engine 2010 Redistributable is required).
• Now the Help file is opened in the selected language of the program.
• Added the context menu for SQL Query Editor: Copy, Paste, Select All, Save as default query.
• Added the possibility to save and copy the Export Process log to the clipboard.
• There was a memory leak when exporting to Excel 2007. Fixed now.
• When launching two or more instances of the export console simultaneously specifying an individual log file for each instance, the log file was created for the first instance only. Fixed now.
• When exporting more than 2 GB of data to MS Access, a user-friendly error message is generated.
• The Export Process log did not support Unicode characters. Fixed now.
• Other improvements and bugfixes.

Version 3.4.0.7
The console version now displays the progress of the export process.
• The export into SQL format on Windows 7 resulted in the Access Violation error. Fixed now.
• When exporting into an existing table of MS Access, an error occurred. Fixed now.
• When exporting into the PDF format, the right and center alignment worked incorrectly. Fixed now.
• Now when exporting into PDF, lines with a large number of characters are split and placed correctly without overlapping the neighboring cells.
• The interface language chosen for the utility was not saved. Fixed now.
• Now the non-allowed characters in the automatically generated names are replaced by the underscore.
• Some other improvements and bugfixes.

Version 3.3
When exporting from a SQL query, the query text can be added both to Header and Footer.
• Some visual changes are introduced; the sizes of forms/form parts are saved now.
• Fixed the bug, connected with writing the rows number to the DBF file header.
• It is now possible to define size and decimal for float fields when exporting to the DBF file.
• An error occurred on exporting more than 65536 records to Excel 97-2003. Fixed now.
• Some other improvements and bugfixes.

Version 3.2
When exporting data to SQL Script, BLOB (MEMO, BLOB, CLOB, etc.) data is formatted according to the destination server syntax.
• Added the possibility to set page orientation when exporting data to MS Word 2007.
• Tables equal names differed only in case were displayed improperly. Fixed now
• When a template was used for export, tables weren't displayed at Step 5. Fixed now
• Some other improvements and bugfixes

**Version 3.1**

• Added the possibility to select file encoding when exporting to TXT (ANSI, OEM, MAC, UTF8, UTF16, UTF32)
• Export to SQL script: if the source DBMS is selected as the destination server, the syntax of the CREATE TABLE statement completely complies with the source DBMS specifications
• Export to SQL script: added the possibility to generate the 'IDENTITY_INSERT' SQL statement for export to MS SQL script
• Now the 'Destination Directory' value is saved to the template and is restored when the template is loaded
• When exporting from a query, the list of exported fields is displayed
• The DBF files created by the utility were larger in size than required, as the size of all created char fields was set to 254. Fixed now
• Other minor improvements and bug-fixes

Older version history is available at [http://www.sqlmanager.net/products/db2/dataexport/news](http://www.sqlmanager.net/products/db2/dataexport/news)

**See also:**
[What's new](#)
1.7  EMS Data Export FAQ

Please read this page attentively if you have questions about Data Export for DB2.

Table of contents

- What is EMS Data Export for DB2?
- What do I need to start working with EMS Data Export for DB2?
- What is the difference between the Export feature of SQL Manager for DB2 and the Data Export for DB2 standalone utility?
- Are there any limitations implied in the trial version as compared with the full one?
- What is the easiest way to configure the template files for the Data Export console application?

Question/answer list

Q: What is EMS Data Export for DB2?
A: EMS Data Export for DB2 is a powerful program to export your data quickly from DB2 databases to any of 20 available formats, including MS Access, MS Excel, MS Word (RTF), HTML, XML, PDF, TXT, CSV, DBF and others. Data Export for DB2 includes a wizard which allows you to set export options for each table visually (destination file name, exported fields, data formats, and much more) and a command-line utility to export data from tables and queries in one-touch.

Q: What do I need to start working with EMS Data Export for DB2?
A: First of all, you must have a possibility to connect to some local or remote DB2 server to work with Data Export. You can download DB2 database server from http://www-306.ibm.com/software/data/db2/. Besides, you need your workstation to satisfy the system requirements for Data Export for DB2.

Q: What is the difference between the Export feature of SQL Manager for DB2 and the Data Export for DB2 standalone utility?
A: First of all, Data Export for DB2 works faster as it is a considerably lighter application. Besides, it provides additional features for query building, namely:
- export data from several tables simultaneously;
- export data from tables and queries selected from different databases;
- the command-line version of the utility to export data using the configuration (template) file with all export settings.

Q: Are there any limitations implied in the trial version as compared with the full one?
A: Actually the trial version of the utility only allows you to export 20% of records at a time. In spite of this limitation, you can test all the features implemented in Data Export for DB2 within the 30-day trial period.

Q: What is the easiest way to configure the template files for the Data Export console application?
A: You can configure the template files for each table visually using the Data Export...
Wizard application. Set the required export options and select the Tools | Save Template menu item on Step 8 or Step 9 of the wizard. All the options will be saved to the template file which can be used by the console application.

If you still have any questions, contact us at Support Center.
1.8 Other EMS Products

Quick navigation

MySQL

SQL Management Studio for MySQL
EMS SQL Management Studio for MySQL is a complete solution for database administration and development. SQL Studio unites the must-have tools in one powerful and easy-to-use environment that will make you more productive than ever before!

SQL Manager for MySQL
Simplify and automate your database development process, design, explore and maintain existing databases, build compound SQL query statements, manage database user rights and manipulate data in different ways.

Data Export for MySQL
Export your data to any of 20 most popular data formats, including MS Access, MS Excel, MS Word, PDF, HTML and more.

Data Import for MySQL
Import your data from MS Access, MS Excel and other popular formats to database tables via user-friendly wizard interface.

Data Pump for MySQL
Migrate from most popular databases (MySQL, PostgreSQL, Oracle, DB2, InterBase/Firebird, etc.) to MySQL.

Data Generator for MySQL
Generate test data for database testing purposes in a simple and direct way. Wide range of data generation parameters.

DB Comparer for MySQL
Compare and synchronize the structure of your databases. Move changes on your development database to production with ease.

DB Extract for MySQL
Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially.

SQL Query for MySQL
Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more.

Data Comparer for MySQL
Compare and synchronize the contents of your databases. Automate your data migrations from development to production database.
Microsoft SQL Server

**SQL Management Studio for SQL Server**
EMS SQL Management Studio for SQL Server is a complete solution for database administration and development. SQL Studio unites the must-have tools in one powerful and easy-to-use environment that will make you more productive than ever before!

**EMS SQL Backup for SQL Server**
Perform backup and restore, log shipping and many other regular maintenance tasks on the whole set of SQL Servers in your company.

**SQL Administrator for SQL Server**
Perform administrative tasks in the fastest, easiest and most efficient way. Manage maintenance tasks, monitor their performance schedule, frequency and the last execution result.

**SQL Manager for SQL Server**
Simplify and automate your database development process, design, explore and maintain existing databases, build compound SQL query statements, manage database user rights and manipulate data in different ways.

**Data Export for SQL Server**
Export your data to any of 20 most popular data formats, including MS Access, MS Excel, MS Word, PDF, HTML and more.

**Data Import for SQL Server**
Import your data from MS Access, MS Excel and other popular formats to database tables via user-friendly wizard interface.

**Data Pump for SQL Server**
Migrate from most popular databases (MySQL, PostgreSQL, Oracle, DB2, InterBase/Firebird, etc.) to Microsoft® SQL Server™.

**Data Generator for SQL Server**
Generate test data for database testing purposes in a simple and direct way. Wide range of data generation parameters.

**DB Comparer for SQL Server**
Compare and synchronize the structure of your databases. Move changes on your development database to production with ease.

**DB Extract for SQL Server**
Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially.

**SQL Query for SQL Server**
Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more.

**Data Comparer for SQL Server**
Compare and synchronize the contents of your databases. Automate your data migrations from development to production database.

PostgreSQL
SQL Management Studio for PostgreSQL
EMS SQL Management Studio for PostgreSQL is a complete solution for database administration and development. SQL Studio unites the must-have tools in one powerful and easy-to-use environment that will make you more productive than ever before!

SQL Manager for PostgreSQL
Simplify and automate your database development process, design, explore and maintain existing databases, build compound SQL query statements, manage database user rights and manipulate data in different ways.

Data Export for PostgreSQL
Export your data to any of 20 most popular data formats, including MS Access, MS Excel, MS Word, PDF, HTML and more.

Data Import for PostgreSQL
Import your data from MS Access, MS Excel and other popular formats to database tables via user-friendly wizard interface.

Data Pump for PostgreSQL
Migrate from most popular databases (MySQL, SQL Server, Oracle, DB2, InterBase/Firebird, etc.) to PostgreSQL.

Data Generator for PostgreSQL
Generate test data for database testing purposes in a simple and direct way. Wide range of data generation parameters.

DB Comparer for PostgreSQL
Compare and synchronize the structure of your databases. Move changes on your development database to production with ease.

DB Extract for PostgreSQL
Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially.

SQL Query for PostgreSQL
Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more.

Data Comparer for PostgreSQL
Compare and synchronize the contents of your databases. Automate your data migrations from development to production database.

InterBase / Firebird

SQL Management Studio for InterBase/Firebird
EMS SQL Management Studio for InterBase and Firebird is a complete solution for database administration and development. SQL Studio unites the must-have tools in one powerful and easy-to-use environment that will make you more productive than ever before!

SQL Manager for InterBase/Firebird
Simplify and automate your database development process, design, explore and maintain existing databases, build compound SQL query statements, manage database user rights and manipulate data in different ways.

Data Export for InterBase/Firebird
Export your data to any of 20 most popular data formats, including MS Access, MS Excel, MS...
Data Export for DB2

Word, PDF, HTML and more

Data Import for InterBase/Firebird
Import your data from MS Access, MS Excel and other popular formats to database tables via user-friendly wizard interface.

Data Pump for InterBase/Firebird
Migrate from most popular databases (MySQL, SQL Server, Oracle, DB2, PostgreSQL, etc.) to InterBase/Firebird.

Data Generator for InterBase/Firebird
Generate test data for database testing purposes in a simple and direct way. Wide range of data generation parameters.

DBComparer for InterBase/Firebird
Compare and synchronize the structure of your databases. Move changes on your development database to production with ease.

DB Extract for InterBase/Firebird
Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially.

SQL Query for InterBase/Firebird
Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more.

Data Comparer for InterBase/Firebird
Compare and synchronize the contents of your databases. Automate your data migrations from development to production database.

Oracle

SQL Management Studio for Oracle
EMS SQL Management Studio for Oracle is a complete solution for database administration and development. SQL Studio unites the must-have tools in one powerful and easy-to-use environment that will make you more productive than ever before!

SQL Manager for Oracle
Simplify and automate your database development process, design, explore and maintain existing databases, build compound SQL query statements, manage database user rights and manipulate data in different ways.

Data Export for Oracle
Export your data to any of 20 most popular data formats, including MS Access, MS Excel, MS Word, PDF, HTML and more.

Data Import for Oracle
Import your data from MS Access, MS Excel and other popular formats to database tables via user-friendly wizard interface.

Data Pump for Oracle
Migrate from most popular databases (MySQL, PostgreSQL, MySQL, DB2, InterBase/Firebird, etc.) to Oracle.

Data Generator for Oracle
Generate test data for database testing purposes in a simple and direct way. Wide range of data
Data Export for DB2

generation parameters.

DB Comparer for Oracle
Compare and synchronize the structure of your databases. Move changes on your development database to production with ease.

DB Extract for Oracle
Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially.

SQL Query for Oracle
Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more.

Data Comparer for Oracle
Compare and synchronize the contents of your databases. Automate your data migrations from development to production database.

IBM DB2

SQL Manager for DB2
Simplify and automate your database development process, design, explore and maintain existing databases, build compound SQL query statements, manage database user rights and manipulate data in different ways.

Data Export for DB2
Export your data to any of 20 most popular data formats, including MS Access, MS Excel, MS Word, PDF, HTML and more.

Data Import for DB2
Import your data from MS Access, MS Excel and other popular formats to database tables via user-friendly wizard interface.

Data Pump for DB2
Migrate from most popular databases (MySQL, PostgreSQL, Oracle, MySQL, InterBase/Firebird, etc.) to DB2

Data Generator for DB2
Generate test data for database testing purposes in a simple and direct way. Wide range of data generation parameters.

DB Extract for DB2
Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially.

SQL Query for DB2
Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more.

Tools & components
Advanced Data Export
Advanced Data Export Component Suite for Borland Delphi and C++ Builder will allow you to save your data in the most popular office programs formats.

Advanced Data Export .NET
Advanced Data Export .NET is a component suite for Microsoft Visual Studio .NET that will allow you to save your data in the most popular data formats for the future viewing, modification, printing or web publication. You can export data into MS Access, MS Excel, MS Word (RTF), PDF, TXT, DBF, CSV and more! There will be no need to waste your time on tiresome data conversion - Advanced Data Export will do the task quickly and will give the result in the desired format.

Advanced Data Import
Advanced Data Import™ Component Suite for Delphi and C++ Builder will allow you to import your data to the database from files in the most popular data formats.

Advanced PDF Generator
Advanced PDF Generator for Delphi gives you an opportunity to create PDF documents with your applications written on Delphi or C++ Builder.

Advanced Query Builder
Advanced Query Builder is a powerful component suite for Borland Delphi and C++ Builder intended for visual building SQL statements for the SELECT, INSERT, UPDATE and DELETE clauses.

Advanced Excel Report
Advanced Excel Report for Delphi is a powerful band-oriented generator of template-based reports in MS Excel.

Advanced Localizer
Advanced Localizer™ is an indispensable component suite for Delphi for adding multilingual support to your applications.
2 Wizard application

Data Export for DB2 wizard application provides easy-to-use wizard interface to set all data export parameters visually.

- Working with wizard application
- Using configuration files
- Setting program preferences

See also:
Console application
2.1 Working with wizard application

Follow the steps of the wizard to export data from DB2 tables for your needs.

- Getting started
- Step 1 - Setting connection properties
- Step 2 - Selecting databases and tables
- Step 3 - Specifying queries
- Step 4 - Selecting export data format
- Step 5 - Selecting fields to export
- Step 6 - Setting export options
- Step 7 - Setting base data formats
- Step 8 - Setting common options
- Step 9 - Defining scripts
- Step 10 - Start of data export process

See also:
- Working with console application
- Setting program preferences
2.1.1 Getting started

This is how Data Export for DB2 wizard application looks when you start it.

This page allows you to view registration information and current program version. If you have not registered Data Export for DB2 yet, you can do it by pressing the Enter Registration Code... button and entering your registration information. If the registration is correct, message with maintenance period ending date will appear.

Press the Next button to proceed to the next page.

See also:
How to buy Data Export
2.1.2 Step 1 - Setting connection options

At this step you should specify necessary settings to establish connection to the source DB2 database.

Connection settings

Please set the database connection properties:
- provide authentication information: the login and the password for accessing the source DB2 database;
- type in or use the Database alias drop-down menu to select the database for data export.

Note: The database should be first cataloged with the DB2 client.

When you are done, press the Next button to proceed to the next step.
2.1.3 Step 2 - Selecting tables

This step of the wizard allows you to select tables of the specified database to be exported.

**Show System Tables**

Enable this option if you need system tables to be added to the list. To select a table, you need to move it from the *Available Tables* list to the *Selected Tables* list. Use the buttons or drag-and-drop operations to move the tables from one list to another.

You need to **Select Destination Directory**, where the exported file(s) will be stored.

**Hint:** To select multiple tables, hold down the Shift or Ctrl key while selecting the table names.

**Note:** You can repeat the steps above with other databases to export data from multiple databases simultaneously.

When you are done, press the **Next** button to proceed to the **next step**.
2.1.4 **Step 3 - Specifying queries**

Use this step to define queries to export their results.

- **Show System Tables**
  Enable this option if you need system tables to be added to the list.

To add a query, use the **Add Query** button, or right-click within the Queries list and select the **Add Query** context menu item. You can enter SQL text for each query directly using the **Query Text** editor area or load an existing query from an external *.sql* file by pressing the **Load Query** button. While inputting query text, it is also possible to save your queries by clicking the **Save Query** button or clear the content of the editor by clicking the **Clear Query** button.

To rename a query, right-click it in the Queries list and select the **Rename Query** context menu item.

To delete a query, select it in the Queries list and press the **Remove Query** button, or right-click the query and select the **Remove Query** context menu item.

To delete all queries (i.e. empty the Queries list), click the **Clear All** button, or right-click within the Queries list and select the **Remove All Queries** context menu item.

**Note:** If none of the tables was selected at the previous step, the **Next** button will be enabled only when the query is added.
The **context menu** of query editor area contains most of the standard text-processing functions (*Copy, Paste, Select All*). You can also save your query as a default query by choosing the corresponding context menu item. It will be automatically copied to the default query editor.

If you add a *query with parameters*, the **Input Parameters** dialog will appear on pressing the **Export** button at the last step. You need to define parameters type and value at the corresponding fields.

---

**Don't show this step anymore**

Use the option to disable this step. To enable the step use the appropriate option at the **General** tab of the **Preferences** dialog.

When you are done, press the **Next** button to proceed to the **next step**.
2.1.5 Step 4 - Selecting export data format

At this step you should select the destination format for exporting data.

Select a table or query in the Exported Objects list and set the appropriate option to select one of available output data formats: MS Excel, MS Access, MS Word, RTF, HTML, PDF, TXT, CSV, DIF, SYLK, LaTeX, XML, DBF, SQL, Clipboard, ODS, ODT, MS Excel 2007, MS Word 2007, MS Access 2007. For details refer to Supported file formats.

**Hint:** If more convenient, you can check the [Apply to all exported objects] box to set the specified destination format for all exported objects.

When you are done, press the **Next** button to proceed to the next step.
2.1.6  Step 5 - Selecting fields to export

At this step you can select fields to export and reorder them, if necessary.

By default all table fields are exported. Look through the list of exported objects and mark/unmark the fields that should be / should not be exported: check the corresponding box in the Is Exported column.

You may also click the Check all link below to export all fields of the table, or the Uncheck all label to exclude all fields of the table from export. The Invert all link changes each fields Is Exported state to opposite. You can also change the order of exported fields by selecting them and clicking the Move Up or Move Down buttons or context menu items.

Hint: If more convenient, you can check the Export all fields of all tables box to select all fields of all specified tables and queries for export.

Don't show this step anymore
Use the option to disable this step. To enable the step use the appropriate option at the General tab of the Preferences dialog.

When you are done, press the Next button to proceed to the next step.
2.1.7 Step 6 - Setting export options

At this step you should set specific options according to selected output file format at Step 4. 
- **Header & Footer Options**
- **Caption Options**
- **Setting format-specific options**

**Hint:** If more convenient, you can check the **Apply to all exported objects** box to set the specified format for all exported objects.

When you are done, press the **Next** button to proceed to the next step.
2.1.7.1 Header & Footer options

The **Header & Footer** tab allows you to customize the header and footer areas of the result file.

Set **Header text** and **Footer text** for the result file. This text will appear at the beginning and at the end of the result file respectively.

![Image of Header & Footer options](image)

**Allow captions**
If this option is checked (default), the column captions are included into the result file.

**Hint:** If more convenient, you can check the **Apply to all exported objects** box to set the specified captions for all exported objects.

**See also:**
- Caption, width and align options
- Setting format-specific options
2.1.7.2 Caption, width and align options

This tab allows you to customize fields of the result file: specify column captions, width and/or align.

- **Allow captions**
  If this option is checked (default), the column captions are included into the result file.

Use the grid to set the captions of the result table columns. Default column captions correspond to the database field names.

For some of the export types columns **Width** and/or **Align** are also available. In the **Align** column you can select the text alignment for a certain column (Left, Right or Center). In the **Width** column you can set a numeric value defining the width of the result column.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Caption</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPARTMENTID</td>
<td>DEPARTMENTID</td>
<td>5</td>
</tr>
<tr>
<td>NAME</td>
<td>NAME</td>
<td>50</td>
</tr>
<tr>
<td>GROUPNAME</td>
<td>GROUPNAME</td>
<td>50</td>
</tr>
<tr>
<td>MANAGERID</td>
<td>MANAGERID</td>
<td>10</td>
</tr>
<tr>
<td>DEPT_PHONE</td>
<td>DEPT_PHONE</td>
<td>20</td>
</tr>
<tr>
<td>DEPT_ROOM</td>
<td>DEPT_ROOM</td>
<td>20</td>
</tr>
<tr>
<td>DEPT_ADDRESS</td>
<td>DEPT_ADDRESS</td>
<td>20</td>
</tr>
</tbody>
</table>

**Hint:** If more convenient, you can check the **Apply to all exported objects** box to set the specified captions for all exported objects.

**See also:**
- Header & Footer options
- Setting format-specific options
2.1.7.3 Setting format-specific options

This tab allows you to customize format-specific options:

- Excel Options
- Access Options
- Word / RTF Options
- HTML Options
- PDF Options
- TXT Options
- CSV Options
- SQL Options
- XML Options
- DBF options
- Excel 2007/ODS options
- Word 2007/ODT options

To get more information about the file formats, see the Supported file formats page.

See also:

- Header & Footer options
- Caption, width and align options
2.1.7.3.1 Excel options

This tab allows you to set options for the target **MS Excel** (*.xls) file.

You can customize **Data format**, **Extensions** and set **Advanced** options available within the corresponding sub-tabs:
- **Data format**
- **Extensions**
- **Advanced**

**Note:** For your convenience the previews illustrating the changes are displayed in the **Sample Cell** area.

**Hint:** You can reset the changes any time using the **Reset Item** and the **Reset All** buttons.

**See also:**
- Access options
- Word / RTF options
- HTML options
- PDF options
- TXT options
The **Data Format** tab contains general options which allow you to adjust the format for each kind of Excel cells. This means that you can specify such parameters as font, borders, filling color and method, etc. for each entity (such as data field, header, footer, caption, data, hyperlink and so on) separately. Also it is possible to create styles to make the target Excel file striped by columns or rows.

- **Fields**
- **Options**
- **Styles**

**Note:** For your convenience the previews illustrating the changes are displayed in the **Sample Cell** area on each sub-tab of the **Data Format** tab.

Using the **Fields** tab you can set font options, border and fill options and select and aggregate functions for all **fields** you want to export.
Hint: You can reset the changes any time using the Reset Item and the Reset All buttons.

The Font tab allows you to specify properties of the font that will be used in the output Excel file cells.

Use the Font and Size drop-down lists to select the font and size to be applied to the output text.

Use the buttons below to set font color, make text bold, italicized, strikethrough text, set underline effects, specify text horizontal and vertical align.

The Borders tab allows you to specify properties of the borders of the output Excel file cells.

Press the buttons on the left to show/hide the borders they indicate.

Use the drop-down list for each border to select the line type and the button on the right to select the line color for each border.

The Fill tab allows you to specify the fill pattern for the output Excel file cells.

Use the drop-down list to select the preferable fill pattern type.

Press the button on the left to set the background color for the fill pattern.

Press the button on the right to set the foreground color for the fill pattern.
The **Aggregate** tab allows you to count *Average* (AVG), *Maximum* (MAX), *Minimum* (MIN), or *Sum* (SUM) of the field values.

Selected aggregate function will be applied to the field and the result will be added to the additional row in the exported file.

At the **Sample Cell** section you can preview options changes.

Using the **Options** tab you can set *font* options, *border* and *fill* options for all **elements** of the Excel sheet (*header, caption, footer, aggregates*).
Hint: You can reset the changes any time using the **Reset Item** and the **Reset All** buttons.

The **Font** tab allows you to specify properties of the font that will be used in the output Excel file cells.

Use the **Font** and **Size** drop-down lists to select the *font* and *size* to be applied to the output text. Use the buttons below to set *font color*, make text *bold*, *italicized*, * strikethrough* text, set *underline* effects, specify text *horizontal* and *vertical align*.

The **Borders** tab allows you to specify properties of the borders of the output Excel file cells.

Press the **buttons on the left to show/hide the borders they indicate. Use the drop-down list for each border to select the *line type* and the **button on the**
right to select the *line color* for each border.

The **Fill** tab allows you to specify the fill pattern type and its color for the output Excel file cells.

Use the drop-down list to select the preferable fill pattern type.
Press the button on the left to set the background color for the fill pattern.
Press the button on the right to set the foreground color for the fill pattern.

At the **Sample Cell** section you can preview options changes.

Using the **Styles** tab you can make a style template: set *font* options, *border* and *fill* options and save them.

Use buttons to add/remove a style.
Use buttons to reorder the style's list.
You can also save styles and load saved ones.

If you have created or loaded more than one style template, they can be ignored, or used *column-by-column* or *row-by-row* (it depends on the **Strip style** selection).
Hint: You can reset the changes any time using the Reset Item and the Reset All buttons.

The Font tab allows you to specify properties of the font that will be used in the output Excel file cells.

Use the Font and Size drop-down lists to select the font and size to be applied to the output text.
Use the buttons below to set font color, make text bold, italicized, strikethrough text, set underline effects, specify text horizontal and vertical align.

The Borders tab allows you to specify properties of the borders of the output Excel file cells.

Press the buttons on the left to show/hide the borders they indicate.
Use the drop-down list for each border to select the line type and the button on the
right to select the *line color* for each border.

The **Fill** tab allows you to specify the fill pattern for the output Excel file cells.

Use the drop-down list to select the preferable fill pattern type. Press the **button on the left to set the background color for the fill pattern.** Press the **button on the right to set the foreground color for the fill pattern.**

At the **Sample Cell** section you can preview options changes.

### 2.1.7.3.1.2 Extensions

The **Extensions** tab provides an ability to add hyperlinks and notes and to any cell of target file, to specify a value of a cell and to create a chart.

Click the **Plus button** to add an element; click the **Minus button** to delete an element.

- **Hyperlinks**
- **Notes**
- **Charts**

If you need to create a **hyperlink**:
- set the cell coordinates *(Col and Row)*;
- specify whether this is a *local link or URL*;
- enter the *title* of the hyperlink;
- specify the *target* file location or address.
Note: Hyperlink title replaces the specified cell's data.

Notes are used to keep remarks or comments for a cell. Note's data are stored separately from ones of the cell. They are displayed as a triangle in the cell's upper right corner. Note appears as a hint when you point at the cell containing a note with a mouse.

If you need to create a note:
- set the cell coordinates (Col and Row);
- enter text of a note for the cell;
- set the font and fill properties using the corresponding tabs.
The **Font** tab allows you to specify properties of the font that will be used in the output Excel file notes.

Use the **Font** and **Size** drop-down lists to select the font and size to be applied to the output text.
Use the buttons below to set font color, make text bold, italicized, strikethrough text, set underline effects, specify text horizontal and vertical align.

You also can select preferable text **Orientation**.

Use the **Fill** tab to set the note fill type and color.
Select the fill type first: Solid or Gradient. The direction needs to be specified for gradient fill: horizontal, vertical, diagonal (down, down), from corner or from center.

Press the button on the left to set the background color for the fill pattern. Press the button on the right to set the foreground color for the fill pattern.

Use Transparency slider to define visibility level of the note.

If you need to create a chart:
- enter the chart title;
- select the chart style (Column, Column 3D, Bar, Bar 3D, Line, Line Mark, Line 3D, etc.);
- set the legend position: Bottom, Top, Left, Corner or Right;
- specify if you want to show the legend;
- specify if you want to set the chart color automatically;
- define the chart position and category labels using the corresponding tabs.
**Position** tab allows you to define chart placement and its size.

**Auto Position**
- **Bottom**
  The chart will be placed under the data.
- **Right**
  The chart will be placed to the right from the data.
You also need to specify the distance between the chart and the data at the **Left** and the **Top** fields, and chart size at the **Height** and the **Width**.

**Custom Position**
Specify absolute position by setting chart coordinates: $X1, Y1, X2, Y2$.

Use the appropriate tab to define **Category labels**.

- **Column**
  Use column values as chart category labels.

- **Custom**
  Define category label values range manually. Use $Col 1$ and $Row 1$ fields to specify upper left cell, and $Col 2$ and $Row 2$ fields to define the right bottom one. These cells form a square array of values that will be used as category labels.

If you need to add **series** for the chart:
- add one or more series using the button;
- enter the titles;
- set data ranges (select a column from the drop-down list or set the custom range);
- define colors for all the graphs.
2.1.7.3.1.3 Advanced

The **Advanced** tab allows you to set a number of advanced options to be applied to the result MS Excel file.

<table>
<thead>
<tr>
<th>Data Format</th>
<th>Extensions</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page header</td>
<td>Department</td>
<td></td>
</tr>
<tr>
<td>Page footer</td>
<td>Page &amp;P of &amp;N</td>
<td></td>
</tr>
<tr>
<td>Sheet title</td>
<td>Sheet 1</td>
<td></td>
</tr>
<tr>
<td>Split by rows</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Page header**
If necessary, enter some text for the page header.

**Page footer**
If necessary, enter some text for the page footer.

**Hint:** It is also possible to set macros in the **Page header** and **Page footer** fields: &N stands for the quantity of pages; &P - the number of the current page.

**Sheet title**
Specify the sheet title for the target file.

**Split by rows**
Use this field to define the number of rows on each sheet.
2.1.7.3.2 Access options

This tab allows you to set options for the target **MS Access (.mdb)** and **MS Access 2007 (.accdb)** file.

Set the name for the target table and specify whether the wizard should create a new table in the MS Access database if it does not exist yet, or use the existing table to export data into.

<table>
<thead>
<tr>
<th>Exported Objects</th>
<th>Access Options</th>
<th>Caption</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIR DEPARTMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIR EMPLOYEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIR CONTACT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIR PERSON</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIR TERMINAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Query_0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Password**
Specify the database password if you are exporting data to an existing MS Access database which is protected by a password.

**Table Name**
The name of the table within the target MS Access database.

**Create table if it does not exist**
Automatically creates the target table if it does not exist in the target database yet.

**Export Date/Time fields as nvarchar**
Enable the option to convert Date/Time data to nvarchar when exporting.

✓ **Apply to all exported objects**
Enable this option to make settings common for all objects.
Allow captions

Use this option to allow/disallow changing destination fields captions.

Use Caption tab to define titles for each of the result fields.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Caption</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPARTMENTID</td>
<td>DEPARTMENTID</td>
</tr>
<tr>
<td>NAME</td>
<td>NAME</td>
</tr>
<tr>
<td>GROUPNAME</td>
<td>GROUPNAME</td>
</tr>
<tr>
<td>MANAGERID</td>
<td>MANAGERID</td>
</tr>
<tr>
<td>DEPT_PHONE</td>
<td>DEPT_PHONE</td>
</tr>
<tr>
<td>DEPT_ROOM</td>
<td>DEPT_ROOM</td>
</tr>
<tr>
<td>DEPT_ADDRESS</td>
<td>DEPT_ADDRESS</td>
</tr>
</tbody>
</table>

All source fields are shown in the Field Name list. Destination captions can be edited in the Caption list.

See also:
Excel options [39]
Word / RTF options [56]
HTML options [67]
PDF options [63]
TXT options [67]
CSV options [69]
SQL options [71]
XML options [73]
DBF options [75]
Excel 2007/ODS options [77]
Word 2007/ODT options [81]
2.1.7.3.3 Word / RTF options

This tab allows you to set options for the target **MS Word** (*.doc) and **Rich Text Format** (*.rtf) files.

You can customize **Base data styles**, **Strip data styles** and set **Advanced** options available within the corresponding sub-tabs:
- **Base Styles**
- **Strip Styles**
- **Advanced**

**Note:** For your convenience the previews illustrating the changes are displayed in the **Sample** area within the **Base Styles** and the **Strip Styles** tabs.

**Hint:** You can reset the changes any time using the **Reset Item** and the **Reset All** buttons.

**See also:**
- Excel options
- Access options
- HTML options
- PDF options
2.1.7.3.3.1 Base data styles

The **Base Styles** tab contains the list of target file entities: HEADER, CAPTION, DATA, FOOTER.

Use the **Font** and the **Size** drop-down lists to select the *font* and *size* to be applied to the output text. Use the buttons below to set *font color*, make text *bold*, *italicized*, *strikethrough* text, set *underline* effects, specify text *horizontal and vertical align*.

Press the button on the left to set the background color. Press the button on the right to set the highlight color.

**Allow highlight**

Enable this option to use the specified color in the result file as text highlight.
Allow background
Enable this option to use the specified color in the result file as background.

Hint: You can reset the changes any time using the Reset Item and the Reset All buttons.

At the Sample section you can preview options changes.

2.1.7.3.3.2 Strip data styles

Using the Strip Styles tab you can create a style template: set font, size, background and foreground colors, text alignment, highlight and save them.

If you have created or loaded more than one style template, they can be ignored, or used column-by-column or row-by-row (it depends on the Strip Type selection).

Use buttons to add/remove a style.
Use buttons to reorder the style's list.
You can also save styles and load saved ones.

Press the button on the left to set the background color.
Press the button on the right to set the highlight color.

Allow highlight
Enable this option to use the specified color in the result file as text highlight.
Allow background
Enable this option to use the specified color in the result file as background.

Hint: You can reset the changes any time using the Reset Item and the Reset All buttons.

At the Sample section you can preview options changes.

2.1.7.3.3.3 Advanced
The Advanced tab allows you to switch page orientation for the target Word/RTF file:
- Portrait
- Landscape

Data Styles | Advanced
--- | ---
Page Orientation
- Portrait
- Landscape
2.1.7.3.4 HTML options

This tab allows you to set options for the target HTML (*.html) file.

You can customize the output HTML file using the following sub-tabs:

- **Preview**
- **Basic**
- **Multi-file**
- **Advanced**

See also:

- Excel options
- Access options
- Word / RTF options
- PDF options
- TXT options
- CSV options
- SQL options
- XML options
- DBF options
- Excel 2007/ODS options
2.1.7.3.4.1 Preview

The **Preview** tab allows you to customize the style that will be applied to the target HTML file using a number of built-in templates provided in the **Templates** combo-box. You can select any of these templates and customize it by clicking objects in the preview panel, and save the settings as a custom template using the **Save as template...** button. Use the **Load template...** button to load a previously saved custom template from your hard disk. Click on an element of the table to select its color.

See also:
- Basic
- Multi-file
- Advanced

2.1.7.3.4.2 Basic

The **Basic** tab allows you to specify the basic parameters of target HTML file:
- specify the **Title** of the result file;
- select whether the cascade style sheet (CSS) should be **internal** (CSS is stored in the result file) or **external** (CSS is be stored in a separate file; click the ellipsis button to define the location of the *.css file; use the corresponding option to define
whether to *Overwrite CSS file if exists*;
- determine whether **HTML tags should be interpreted**.

![Multi-file tab screenshot](image)

**Multi-file**

The **Multi-file** tab provides you with an ability to split the target HTML file into several separated files.

**Multi-file export**

Set **Maximum record(s) in single file** value.

Enable the **Generate index** option to create the content page.

**Index Link Template** field allows you to specify the template name for the link to the page, that will be placed to the content page close to that page's number.

**Navigation**

Use this section to define navigation link titles.

- **On Top** and **On Bottom** options allow you to set the navigation links placement.
2.1.7.3.4.4 Advanced

The **Advanced** tab allows you to set a number of advanced options to be applied to the result HTML file.

**Font name**
Use the drop-down menu to select the font that will be used in the result file by default.

**Font size**
Use the drop-down menu to select the font size that will be used in the result file by default.

**Background**
If necessary, use the ellipsis button to browse for a graphical file to be applied as the page background.

You can also set a number of common **Table options**: cell padding, cell spacing, border, background.
It is also possible to define **advanced attributes** for both the HTML body and table.

---

**See also:**
- [Preview](#)
- [Basic](#)
- [Multi-file](#)
2.1.7.3.5 PDF options

This tab allows you to set options for the target **PDF** (*.pdf) file.

**Fonts** section allows you to define the selected item's font. Specify the needed **Font Name** and **Font Encoding** from the appropriate drop-down lists. You can also define the **Font Size**.

You can change the font color by pressing the **Font Color** button.

Additionally you can customize **Page Options**:

**Page Size**
Define the page size by choosing one of the standard page sizes from the drop-down list, or set the custom size by changing **Width** and **Height**. By default standard "A4" page size is set.

**Units**
Use this drop-down list to set the units of measurement for the page size and margins. **Inches, millimeters and dots** are available.

**Orientation**
Select needed page orientation from this drop-down list.

**Margins**
Use this section to define page margins for the exported file.

**Grid Options**

<table>
<thead>
<tr>
<th>Grid Options</th>
<th>Page Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Col Spacing</td>
<td>3</td>
</tr>
<tr>
<td>Row Spacing</td>
<td>1</td>
</tr>
<tr>
<td>Grid Line Width</td>
<td>1</td>
</tr>
</tbody>
</table>

At this tab you can define Col spacing, Row Spacing and Grid Line Width.

**Note:** For your convenience the previews illustrating the changes are displayed in the Sample area.

---

**See also:**
- Excel options
- Access options
- Word / RTF options
- HTML options
- TXT options
- CSV options
- SQL options
- XML options
- DBF options
- Excel 2007/ODS options
- Word 2007/ODT options
2.1.7.3.6 TXT options

This tab allows you to set options for the target text (*.txt) file.

Set the **Calculate column width** option on if you want each column of the target file to be adjusted to the maximum number of characters in it. The **Spacing** option specifies the number of spaces between columns in the target file.

**Encoding**
Use the drop-down list to specify the preferable output file encoding. Possible values are: ANSI, OEM, MAC, UTF-8, UTF-16, UTF-32.

See also:
- Excel options
- Access options
- Word / RTF options
- HTML options
- PDF options
- CSV options
- SQL options
- XML options
- DBF options
Excel 2007/ODS options
Word 2007/ODT options
2.1.7.3.7 CSV options

This tab allows you to set options for the target CSV (*.csv) file.

- **Quote strings**
  Check this option to apply quoting for string values in the target file.

  Specify the column separator using the **Comma** drop-down list and the preferable quote character using the **Quote** edit-box.

  Any of the following symbols can be used as a column separator:
  - ,(comma)
  - ; (semicolon)
  - ' (apostrophe)
  - TAB (Tab symbol)
  - SPACE (Space symbol)

- **Encoding**
  Use the drop-down list to specify the preferable output file encoding. Possible values are: ANSI, OEM, MAC, UTF-8, UTF-16, UTF-32.

**See also:**
Excel options
Access options [53]
Word / RTF options [56]
HTML options [60]
PDF options [63]
TXT options [67]
SQL options [71]
XML options [73]
DBF options [75]
Excel 2007/ODS options [77]
Word 2007/ODT options [81]
2.1.7.3.8 SQL options

The **SQL Options** tab allows you to set options for SQL as the output format (as a set of INSERT statements).

### Destination server

Select the **ANSI SQL-92** standard or define the type of DBMS you need to export data for (to achieve maximum compatibility). The result script will be generated in compliance with the specifications of the selected server type:

- **DB2**
- **InterBase/Firebird**
- **Microsoft® SQL Server**
- **MySQL**
- **Oracle**
- **PostgreSQL**

### Table options

This group allows you to add the `CREATE TABLE` statement to the result script, define the name for the table being exported and select SQL dialect.

- **Add 'IDENTITY_INSERT' statement** (for export to MS SQL)
  Allow explicit values to be inserted into the identity column of a table.

### Commit options

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This group allows you to add the COMMIT statement after a defined number of records or at the end of the script. You can also define the commit statement (COMMIT; by default) in the corresponding edit-box.

**Other options**
This group allows you to customize representation of the NULL values in the result script (NULL by default) and define the character denoting the end of each SQL statement (semicolon by default).

**Create multiple insert statement**
Check this option to perform insert operation using multiple insert statements.

---

**See also:**
- Excel options[33]
- Access options[53]
- Word / RTF options[56]
- HTML options[60]
- PDF options[65]
- TXT options[67]
- CSV options[69]
- XML options[73]
- DBF options[75]
- Excel 2007/ODS options[77]
- Word 2007/ODT options[81]
2.1.7.3.9 XML options

This tab allows you to set options for the target XML (*.xml) file.

Specify XML document encoding in the **Encoding** edit box and set the **Standalone** option on if you intend to create a standalone document. Disable the option if any markup declarations, that can affect the content of the document, as passed from XML processor to the application are present or can appear.

**XML type**
Select the type of the result XML document: **Datapacket 2.0** or **Access**. For the **Access** type you can optionally select to export XSD schema. **XSD schema** defines the way in which elements and attributes will be represented in a XML document. It also advocates that the given XML document should be of a specific format and specific data type.

**Convert Images to Bitmap**
Check this option to convert images stored in the source table to the *.png file format to ensure compatibility with MS Access database.

**Note:** Conversion between generic XML documents and documents of the **XML-Datapacket** (CDS) format can be performed with the help of XML Mapper by Borland®.
See also:
Excel options
Access options
Word / RTF options
HTML options
PDF options
TXT options
CSV options
SQL options
DBF options
Excel 2007/ODS options
Word 2007/ODT options
2.1.7.3.10 DBF options

This tab allows you to set options for the target **DBF** (*.dbf) file.

At the **DBF Options** tab you can define the precision for float fields. Use the **Float Size** and **Float Decimal** fields for this purpose.

**Encoding**
Use the drop-down list to specify the preferable output file encoding. Possible values are: **ANSI**, **OEM**, **MAC**, **UTF-8**, **UTF-16**, **UTF-32**.

**Hint:** If more convenient, you can check the **Apply to all exported objects** box to apply changes made at this tab for all exported objects.

The **Caption** tab allows you to change captions in the target file if needed.
See also:

Excel options[39]
Access options[53]
Word / RTF options[56]
HTML options[67]
PDF options[65]
TXT options[67]
CSV options[69]
SQL options[77]
XML options[73]
Excel 2007/ODS options[77]
Word 2007/ODT options[81]

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Caption</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTACT_ID</td>
<td>CONTACT_ID</td>
</tr>
<tr>
<td>TITLE</td>
<td>TITLE</td>
</tr>
<tr>
<td>FIRST_NAME</td>
<td>FIRST_NAME</td>
</tr>
<tr>
<td>MIDDLE_NAME</td>
<td>MIDDLE_NAME</td>
</tr>
<tr>
<td>LAST_NAME</td>
<td>LAST_NAME</td>
</tr>
<tr>
<td>SUFFIX</td>
<td>SUFFIX</td>
</tr>
<tr>
<td>EMAIL_ADDRESS</td>
<td>EMAIL_ADDRESS</td>
</tr>
<tr>
<td>EMAIL_PROMOTION</td>
<td>EMAIL_PROMOTION</td>
</tr>
<tr>
<td>PHONE</td>
<td>PHONE</td>
</tr>
<tr>
<td>PASSWORD_HASH</td>
<td>PASSWORD_HASH</td>
</tr>
<tr>
<td>PASSWORD_SALT</td>
<td>PASSWORD_SALT</td>
</tr>
<tr>
<td>ADD_INFO</td>
<td>ADD_INFO</td>
</tr>
<tr>
<td>MODIFIED_DATE</td>
<td>MODIFIED_DATE</td>
</tr>
</tbody>
</table>
2.1.7.3.11 Excel 2007/ODS options


You can customize options and strip styles using the corresponding sub-tabs:
- [Options](#)
- [Styles](#)

Note: For your convenience the previews illustrating the changes are displayed in the Sample Cell area.

Hint: You can reset the changes any time using the Reset Item and the Reset All buttons.

See also:
- Excel options
- Access options
- Word / RTF options
- HTML options
- PDF options
- TXT options
Using the Options tab you can set font and border options for all elements of the Excel 2007 / ODF sheet (HEADER, CAPTION, DATA, FOOTER).

If necessary, you can also specify the sheet name for the target Excel 2007 / ODF Spreadsheet file.

Use the Font and the Size drop-down lists to select the font and size to be applied to the output text. Use the buttons below to set font color, make text bold, italicized, strikethrough text, set underline effects, specify text horizontal and vertical align.

[Edit the options and styles]

[Choose the sheet name]

[Enable background]

Enable this option to be able to change result file background color. Press the button on the left to set the background color.

You can reset the changes any time using the Reset Item and the Reset All buttons.
Note: For your convenience the previews illustrating the changes are displayed in the Sample Text area.

Enable the Use Border option at the Border tab if it is needed. Then define its color and style.

2.1.7.3.11.2 Styles

Using the Styles tab you can create and save a style template: set font, size, background color, text alignment, wrap text options.

Use buttons to add/remove a style. Use buttons to reorder the style's list. You can also save styles and load saved ones.

If you have created or loaded more than one style template, they can be ignored, or used column-by-column or row-by-row (it depends on the Strip Type selection).
Use background
Enable this option to be able to change result file background color.
Press the button on the left to set the background color.

You can reset the changes any time using the Reset Item and the Reset All buttons.

Note: For your convenience the previews illustrating the changes are displayed in the Sample Text area.
2.1.7.3.12 Word 2007/ODT options

The **Word 2007 (ODT) Options** tab allows you to set options for the target **MS Word 2007 (ODF text)** (*docx, *odt) file.

You can customize **options, strip styles and border** using the corresponding sub-tabs:
- Options
- Styles
- Advanced

**Note:** For your convenience the previews illustrating the changes are displayed in the **Sample Cell** area.

**Hint:** You can reset the changes any time using the **Reset Item** and the **Reset All** buttons.

**See also:**
- Excel options
- Access options
- Word / RTF options
- HTML options
- PDF options
2.1.7.3.12.1 Options

The **Options** sub-tab contains the list of target file entities, such as table header, data, etc. Using the **Options** tab you can set font options for all **elements** of the Word 2007 / ODF text document (*HEADER, CAPTION, DATA, FOOTER*). You can customize style options, such as font and size, background and foreground colors, text alignment, text highlight, etc. for each of them by clicking the corresponding item in the list and setting the options in the right-side panel.

### Options:
- Header
- Caption_row
- Data
- Footer

### Font:
- **Font**
  - Arial
- **Size**
  - 10
- Use Background
- Use Highlight

### Table Name:
- Table1

2.1.7.3.12.2 Styles

Using the **Styles** tab you can create and save a style template: set font, size, background color, text alignment, highlight options.

Use buttons to add/remove a style.
Use buttons to reorder the style’s list.
You can also save styles and load saved ones.
If you have created or loaded more than one style template, they can be ignored, or used *column-by-column* or *row-by-row* (it depends on the **Strip Type** selection).

Press the ![button](image) on the left to set the background color.
Press the ![button](image) on the right to set the highlight color.

- **Use highlight**
  Enable this option to be able to select highlight color from the drop-down list.

- **Use background**
  Enable this option to use the specified color in the result file as background.

**Note:** For your convenience the previews illustrating the changes are displayed in the **Sample Text** area.

### 2.1.7.3.12.3 Border

Using the **Border** tab you can enable borders in the result Word 2007 / ODF text document and customize them.

Click the **Border Color** icon to select a color using the **Color** dialog where you can specify the required color from the palette.
Border Width
Type in the preferable border width.

<table>
<thead>
<tr>
<th>Options</th>
<th>Styles</th>
<th>Border</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Use Border</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Border Color</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Border Width 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.1.8 **Step 7 - Setting base data formats**

At this step you should define data formats of the exported fields.

**Data type formats**

Use this group to define formats for the exported fields. You can keep the default format values or edit some of them, if necessary. See [Format specifiers](#) for more details.

**User**

Using this group you can also define your own formats for numeric and Date/Time fields. These fields (if there are any in your source table) are available in the drop-down list at the top of the User group. Select a field from the Field Name drop-down list, then select its format from the Field Format drop-down list and click the Add button. The field and its format will be added to the list box below. To edit a field format, select the field in the list box and click the Edit button. To delete a format, click the Delete button. To clear the list box, click the Clear button.

**Hint:** If more convenient, you can check the [Apply to all exported objects](#) box to set the specified format for all exported objects.
Don't show this step anymore
Use the option to disable this step. To enable the step use the appropriate option at the General tab of the Preferences dialog.

When you are done, press the Next button to proceed to the next step.
2.1.9 Step 8 - Setting common options

Use this step of the wizard to set common export options. The detailed description of these options is given below.

**Destination file**
Use this edit field to set the name of the output file. You can click the Select... button to define it using the Save As dialog.

- **Open file after export**
  If this option is checked, the result file will be opened with the currently associated program after the export operation is completed.

- **Print file after export**
  If this option is checked, the result file will be sent to the default printer after the export operation is completed.

- **Append datetime to file name**
  Check this option to add current datetime to the filename.

Constraints

- **Skip ... record(s)**
Specifies the number of records to be skipped before export starts.

- **Export empty data**
  The option indicates whether empty records should be exported.

- **Export binary data to Base64**
  Check this option to encode binary data in the exported file as Base64.

- **Export all records**
  Specifies that all records of the selected table will be exported.

- **Export only ... record(s)**
  Specifies the number of records to be exported.

**Save Export Options... / Load Export Options...**
Use these buttons to save / load all export settings to/from an external configuration file. For details refer to [Configuration file format](#).

**FTP options**

- **Check connection**
  Use the option to disable this step. To enable the step use the appropriate option at the General tab of the Preferences dialog.

When you are done, press the Next button to proceed to the next step of the wizard.
2.1.10 Step 9 - Defining scripts

This step of the wizard allows you to define scripts to be executed before and after export process for each table.

Select a table to define the script for. Type the text of the script to be executed before the export operation in the Before export script area, the script to be executed after the export operation in the After export script area. Select another table and add scripts for it, if necessary.

You can also save and load Before export and After export scripts using the corresponding Save script... and Load script... buttons. The Clear button erases the text and clears the current editor window.

Hint: If more convenient, you can check the Apply to all exported objects box to set the specified options for all exported objects.

When you are done, press the Next button to proceed to the last step of the wizard.
2.1.11 Step 10 - Start of data export process

This step of the wizard is intended to inform you that all export options have been set, and you can start the export process.

If everything is correct, press the Export button to start the process. If you want to change something, you can return to any of the wizard steps using the Back button.

You can save process log into *.log file or copy it to a clipboard using the corresponding buttons.

Please, do not forget to save export templates if you need to repeat the export process with the same or similar settings later.
2.2 **Using configuration files (templates)**

Data Export for DB2 allows you to store its configuration settings in external *.cfg files if you need to perform the data export process repeatedly.

You can load previously saved configuration settings to the application *wizard* if you need to make some changes before data export, or you can run it with the *console application* for quicker export.

Data Export templates are saved within the **Save template options** dialog. To open this dialog, press the **Tools** button and select the **Save Template** popup menu item.

**Note:** You can save changes to a template without recalling the save dialog using the **Save Template As** popup menu item.

### File name

Specify the template file name and select its location using the **button which calls the **Save As...** dialog.

If you need to repeat data exporting process with the same or similar settings later, it is reasonable to save all the settings you entered on the **Start of data export process** step of the Wizard.

Data Export templates are loaded within the **Open template** dialog. To open this dialog, press the **Tools** button and select the **Load template** popup menu item.
Please note that loading a template is only available at the Getting started and the Setting connection properties steps of the Wizard.

If necessary, you can **reload a template** using the **Reopen configuration** popup menu item of the **Tools** menu.

When the configuration file is loaded, you can browse (or change the settings, if necessary) in all steps of the wizard.

---

**See also:**

- Working with wizard application
- Setting program preferences
2.3 Setting program preferences

Data Export for DB2 provides full customization of the program by setting various options within the Preferences dialog. This chapter is intended to inform you how to use all these options.

General options
These options define general behavior of Data Export for DB2.

Default data formats
This page allows you to set default data formats.

Default query
This page allows you to input a template for a new query that will appear at Step 3 of Wizard Application.

Localization
This page allows you to select a language to be applied for your copy of Data Export for DB2.

Interface
This branch contains several pages with a number of options allowing you to customize the application interface style according to your liking.

See also:
Working with wizard application
Using configuration files
2.3.1 Setting general options

- **Confirmation On Exit**
  Enables/disables confirmation upon exiting the program.

- **Skip steps**
  This option determines the behavior of the Next and Back buttons. When this option is disabled, clicking the Next button leads to sequential passing through the list of exported objects. When this option is enabled, the steps checked in the Skipped steps group will be skipped.

- **Format SQL values**
  The option determines whether SQL values (e.g. integer, float, currency, datetime, etc.) should be formatted according to the settings specified on the Default formats page.

- **Show views**
  By setting this option on you can export data from views - they will appear in the list of available tables at Step 2 of the Wizard application.

- **Save password**
  Setting this option allows you to save passwords used for access to the databases automatically upon closing the application. Please note that checking this option saves the latest password used for connection to the database.
Skipped steps
Use this option group to define the Wizard application steps to be skipped. The steps presented in the list contain the Don't show this step anymore that indicates whether this step should be skipped. Enabling steps marked as skipped is possible only in current dialog.

See also:
Setting default formats
Setting default query template
Selecting program language
Defining interface style
2.3.2 Setting default formats

This page allows you to customize formats applied to exported data. Edit the format masks to adjust the result format in the way you need, or click the Reset button if you wish to apply default data formats.

The current format settings will be used if the Format SQL values option is enabled (Preferences | General). See Format specifiers for details.

See also:
- Setting general options
- Setting default query template
- Selecting program language
- Defining interface style
2.3.3 Setting default query template

This page allows you to define the default query text that is used on adding a new query at Step 3 of the Wizard application.

See also:
- Setting general options
- Setting default formats
- Selecting program language
- Defining interface style
2.3.4 Selecting program language

The Languages page is provided for managing Data Export localization files.

You can create your own *.lng files similar to those available in the %program_directory% \Languages folder, add them to the list of available languages and set the new language as the program interface language.

The table lists all the languages available for localization and the corresponding *.lng files.

<table>
<thead>
<tr>
<th>Language</th>
<th>File Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>C:\Program Files\EMS\Data Export for DB2\Languages\french.lng</td>
</tr>
<tr>
<td>German</td>
<td>C:\Program Files\EMS\Data Export for DB2\Languages\german.lng</td>
</tr>
<tr>
<td>Russian</td>
<td>C:\Program Files\EMS\Data Export for DB2\Languages\russian.lng</td>
</tr>
</tbody>
</table>

Language Directory
Use the ellipsis (...) button to specify the directory where the *.lng files are stored by default.

See also:
- Setting general options
- Setting default formats
- Setting default query template
- Defining interface style
2.3.5 Defining interface style

The Interface section of the Preferences dialog allows you to customize the application interface style to your liking.

Use the Scheme name drop-down list to select an interface scheme according to your liking: Classic, Office XP style, Windows XP native style, etc.

For your convenience the previews illustrating the changes are displayed in the Sample Group area.

See also:
- Setting general options
- Setting default formats
- Setting default query template
- Selecting program language
Part III
3 Console application

Additionally to the GUI version which is implemented in the form of a wizard application, the installation package of Data Export for DB2 includes the console version which is intended for running from Windows command line with a template file name used as the execution parameter. You can schedule exporting using Scheduled Tasks tool implemented in Windows.

Data Export for DB2 command line utility is intended for quick and powerful data export from DB2 tables.

- Working with console application
- How to schedule console run
- Configuration file format

See also:
Wizard application
3.1 Working with console application

All the export options are set in configuration (*.cfg) files. A configuration (template) file can be also used in the Console version of Data Export for DB2.

To create a configuration (template) file, follow the instructions below:
- start Data Export Application wizard;
- set all the required options in all steps of the wizard;
- test the export process at the last step;
- save all export options in the template.

The easiest way to start Data Export for DB2 console application is to double-click the generated *.cfg template. The other way is to enter the command line and type the appropriate command.

Usage:

<path to Data Export for DB2 console application>\Db2ExportC.exe TemplateFile [-B]

TemplateFile
Stands for the path and the name of *.cfg template file to be used as the console version execution parameter

[-B]
Use this parameter in the command line to run the console version of Data Export for DB2 in the background mode

Example:

"C:\Program Files\EMS\Data Export for DB2\Db2ExportC.exe" "C:\EMS\DataExport\Example.cfg" -B

Using parameters in queries

Db2ExportC.exe [Template file] -[Query name]:[Parameter name]=[Value] -[Query name]:[Parameter name]=[Value] etc.
(see Using query parameters)

Note: The following exit codes can be returned by Data Export for DB2 to the operating system after performing the latest task:
0 - successful completion;
1 - error(s) occurred during task performing;
2 - fatal error occurred. The task was not performed.

See also:

Working with wizard application

How to schedule console run
3.2 How to schedule console run

Here are the steps to schedule program run with standard Windows scheduler:

1) Set all options in the program and click Tools --> Save template on the last step.
2) Open the command line in Windows (type CMD in the Run... dialog).
3) Use the following command to run the console version with the saved template:
   <path to Data Export for DB2 console application>\Db2ExportC.exe TemplateFile [-B]
   For example:
   "C:\Program Files\EMS\Data Export for DB2\Db2ExportC.exe" "C:\EMS\DataExport\Example.cfg" -B
4) Launch the standard Task Scheduler tool in Windows OS.
5) Set the command for exporting data as described above.
6) Set the schedule for the command execution.
7) Save the scheduled task.

See also:
Working with console application
Configuration file format
Part IV
4 Appendix

4.1 Format specifiers

The following format specifiers are supported in the format string:

**Float/Integer format**

0
Digit place holder. If the value being formatted has a digit in the position where the '0' appears in the format string, then that digit is copied to the output string. Otherwise, a '0' is stored in that position in the output string.

#
Digit placeholder. If the value being formatted has a digit in the position where the '#' appears in the format string, then that digit is copied to the output string. Otherwise, nothing is stored in that position in the output string.

.
Decimal point. The first '.' character in the format string determines the location of the decimal separator in the formatted value; any additional '.' characters are ignored.

, Thousand separator. If the format string contains one or more ',' characters, the output will have thousand separators inserted between each group of three digits to the left of the decimal point. The placement and number of ',' characters in the format string does not affect the output, except to indicate that thousand separators are wanted.

E+ Scientific notation. If any of the strings 'E+', 'E-', 'e+', or 'e-' are contained in the format string, the number is formatted using scientific notation. A group of up to four '0' characters can immediately follow the 'E+', 'E-', 'e+', or 'e-' to determine the minimum number of digits in the exponent. The 'E+' and 'e+' formats cause a plus sign to be output for positive exponents and a minus sign to be output for negative exponents. The 'E-' and 'e-' formats output a sign character only for negative exponents.

**Date/Time format**

c Displays the date using the format using the Short Date Format, followed by the time using the Long Time Format. The time is not displayed if the date-time value indicates midnight precisely.

d Displays the day as a number without a leading zero (1-31).

dd Displays the day as a number with a leading zero (01-31).

ddd
Displays the day as an abbreviation (Sun-Sat) using the strings of the Short Day Names.

**dddd**
Displays the day as a full name (Sunday-Saturday) using the strings of the Long Day Names.

**dddddd**
Displays the date using the Short Date Format.

**ddddddd**
Displays the date using the Long Date Format.

**e**
Displays the year in the current period/era as a number without a leading zero (Japanese, Korean and Taiwanese locales only).

**ee**
Displays the year in the current period/era as a number with a leading zero (Japanese, Korean and Taiwanese locales only).

**g**
Displays the period/era as an abbreviation (Japanese and Taiwanese locales only).

**gg**
Displays the period/era as a full name. (Japanese and Taiwanese locales only).

**m**
Displays the month as a number without a leading zero (1-12). If the m specifier immediately follows an h or hh specifier, the minute rather than the month is displayed.

**mm**
Displays the month as a number with a leading zero (01-12). If the mm specifier immediately follows an h or hh specifier, the minute rather than the month is displayed.

**mmm**
Displays the month as an abbreviation (Jan-Dec) using the strings given of the Short Month Names.

**mmmm**
Displays the month as a full name (January-December) using the strings of the Long Month Names.

**yy**
Displays the year as a two-digit number (00-99).

**yyyy**
Displays the year as a four-digit number (0000-9999).

**h**
Displays the hour without a leading zero (0-23).

**hh**
Displays the hour with a leading zero (00-23).
n
Displays the minute without a leading zero (0-59).

nn
Displays the minute with a leading zero (00-59).

s
Displays the second without a leading zero (0-59).

ss
Displays the second with a leading zero (00-59).

z
Displays the millisecond without a leading zero (0-999).

zzz
Displays the millisecond with a leading zero (000-999).

t
Displays the time using the Short Time Format.

tt
Displays the time using the Long Time Format.

am/pm
Uses the 12-hour clock for the preceding h or hh specifier, and displays 'am' for any hour before noon, and 'pm' for any hour after noon. The am/pm specifier can use lower, upper, or mixed case, and the result is displayed accordingly.

a/p
Uses the 12-hour clock for the preceding h or hh specifier, and displays 'a' for any hour before noon, and 'p' for any hour after noon. The a/p specifier can use lower, upper, or mixed case, and the result is displayed accordingly.

ampm
Uses the 12-hour clock for the preceding h or hh specifier, and displays the contents of the TimeAMString global variable for any hour before noon, and the contents of the TimePMString global variable for any hour after noon.

/
Displays the date separator character using the Date Separator.

:
Displays the time separator character using the Time Separator.

'xx'/'xx'
Characters enclosed in single or double quotes are displayed as-is, and do not affect formatting.
4.2 **Supported file formats**

- **MS Excel**
  The most popular e-table format used by Microsoft® Excel (*.xls). The result files are fully compatible with Microsoft® Excel versions 97-2000, 2003 and XP.

- **MS Access**
  File of Microsoft® Access format (*mdb) with an ADO connection used.

- **MS Word**
  One of the most popular text processing formats used by Microsoft® Word (*doc). The result files are fully compatible with Microsoft® Word versions 97-2000, 2003 and XP.

- **RTF**
  Rich Text Format (*rtf) supported by many text processing programs (e.g. WordPad).

- **HTML**
  Hyper Text Markup Language file format (*html, *.htm), complete compatibility with HTML 4.0 specification.

- **PDF**
  A standard format in electronic publishing (*pdf).

- **Text file**
  Plain text file format (*txt).

- **CSV file**
  Comma-Separated Value file format (*csv).

- **DIF file**
  Data Interchange File (*dif) format.

- **SYLK**
  Symbolic Links (*slk) file format.

**Note:** all the text formats including Text file, CSV, DIF, SYLK are usually used as working or interchange formats.

- **LaTeX**
  A specific file format (*.tex) which is a popular (especially among mathematicians and physicists) macroextension of TeX pack developed by D. Knut.

- **XML**
  A markup language for documents containing structured information (*.xml).

- **DBF**
  Database file format (*.dbf) used by dBASE and a number of xBASE applications.

- **MS Excel 2007**
  The contemporary e-table format used by Microsoft® Excel 2007 (*.xlsx). The result files are fully compatible with Microsoft® Excel 2007.

- **MS Word 2007**
The contemporary text processing format used by Microsoft® Word 2007 (*.docx). The result files are fully compatible with Microsoft® Word 2007.

- **MS Access 2007**
  The contemporary database file format used by Microsoft® Word 2007 (*.accdb). The result files are fully compatible with Microsoft® Access 2007.

- **ODF Spreadsheets**
  OASIS Open Document Format for Office Applications - open document file format for spreadsheets (*.ods) used by a number of applications including OpenOffice.org and KOffice.

- **ODF text**
  OASIS Open Document Format for Office Applications - open document file format for word processing (*.odt) documents used by a number of applications including OpenOffice.org and KOffice.
4.3 Configuration file format

The configuration (template) file used by Data Export for DB2 is divided into several sections, each corresponding to a particular group of settings specified at different steps of the GUI application wizard.

[#General#]
This section stores information about the product name and its major version.

[#General#]
This section stores general information about the utility:

[Connection]
This section contains parameters for connecting to the server: Login, Password (encrypted). These parameters are obligatory.

Note that parameter DBName used in previous versions is no more obligatory. You can set databases for each table and query separately in the [Databases] section.

[Tables]
This section contains the list of database tables to export in the following format:
<table key>=<table name>
e.g.
table1=Country
table2=Employee

This section may be empty.

[Queries]
This section contains the list of queries and their identifiers (used while loading queries into the wizard application) in the following format:
<query key>=<query identifier>
e.g.
query1=CountryQ

[SQL_<query key>]
Sections of this type contain query text for each query. The lines must be specified in the following format:
Item_0=<query line 1>
Item_1=<query line2>

See the example below:

[Queries]
query0=Query_0
[SQL_query0]
Item_0=select name, capital
Item_1=from countries
Item_2=where continent = 'South America'

This section may also be empty, but remember that if you do not specify any table or
query, no data are exported.

[Files]
This section lists files for data export in the following format:
<table key>=<filename>
<query key>=<filename>
etc.

You can specify either full paths or relative paths, e.g.
table1=table1.xls
or
query1=C:\Exported data\query1.docx

Note that you must specify the file extension properly to receive data in the required format. Otherwise, extension .xls is taken by default.

[Databases]
This section allows you to specify a database for each table and query in the following format:
<table key>=<database name>
<query key>=<database name>

If you do not specify a database for a table or a query, the database name for this table or query is taken from the DBName parameter value of the [Connection] section.

[Templates]
This section specifies template files for each table or query. This template (*.exp) file is generated by the utility with the configuration (*.cfg) file and contains various export settings: export type, result filename, fields for export, number of records to export, specific Excel, RTF, HTML, or other options and more.

The section has the following format:
<table key>=<template filename>
<query key>=<template filename>
etc.

You can specify either full or relative file paths, e.g.
table1=template1.xls.exp
or
query_clients=D:\Templates\template2_rtf.exp

If you do not specify any file name in the [Files] section, it is taken from the template. If you specify neither file name, nor template for table or query, then the <table name>.xls filename is taken by default for tables, or <query key>.xls for queries.

You can set arbitrary table or query keys in the [Tables], [Queries], [Files], [Databases] and [Templates] sections, but they MUST NOT contain spaces and they MUST be identical in different sections.
4.4 Using query parameters

Both the GUI Wizard and the console version of Data Export for DB2 support parameters in a query.

For example, you export data from a table named table1 and at Step 3 of the GUI version of the utility you specify the following query, e.g. Query_0:

```
SELECT * FROM table1 WHERE field1 > :param0
```

Then you need to save the template file which will be used in the console version of the utility. To set the parameter value when using the console version, you need to specify the following command in the command line (if you run the console version from the program installation directory and the template file is also located in this directory):

```
Db2ExportC.exe TemplateFile -Query_0:Query_0:param0=5
```

where 5 is the query parameter value

If you export data from multiple queries, you need to specify the following command in the command line:

```
Db2ExportC.exe TemplateFile -Query_0:Query_0:Query_1:Query_2:Query_3:
```

where 5, 10, 15 are the query parameter values

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See also:
Working with console application

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Credits

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