# **IBM Database Conversion Workbench 4.0**

# Installation & Quick Start Guide for Windows

*Version*: 1.0 *Last Updated*: Jan 19, 2020

# IBM



## **Table of Contents**

1	Introduction	. 3
2	IBM Database Conversion Workbench Full-Client	.3
	Requirements	. 3
	Download Database Conversion Workbench Full-Client	. 3
	Quick Start Guide	. 4
	Start the application	. 4
	Choose a Workspace	. 4
	Welcome Page	. 5
	Working with Cheat Sheet	
3	Access the Help System	. 8

### 1 Introduction

The IBM® Database Conversion Workbench (DCW) is a no-charge application that offers several tools for converting your databases to IBM DB2 for Linux, UNIX and Windows and IBM Db2 Warehouse.

Database Conversion Workbench 4.0 is available as a full client, which includes all the database conversion features, or as a lite client, which includes only the SQL evaluation and conversion functions. **Go to section 2. IBM Database Conversion Full-Client** to learn more about its usage.

## 2 IBM Database Conversion Workbench Full-Client

## Requirements

The following requirements must be met:

- Operating System
  - Windows
- Oracle JDBC® driver (required for access to Oracle databases)
  - Needs to be downloaded separately and installed on the same machine where Database Conversion Workbench is installed
  - Required to connect to Oracle databases
- DB2/ IBM db2 Warehouse JDBC driver (required for access to DB2/IBM Db2 Warehouse databases)
  - o Download the driver from here: IBM Data Server Driver for JDBC and SQLJ (JCC Driver)
  - Download it on your computer

### **Download Database Conversion Workbench Full-Client**

- 1. Download Database Conversion Workbench from IBM Database Conversion Workbench.
- 2. Select the latest Database Conversion Workbench version.
- 3. Select IBM\_DCW\_Full\_Client\_<platform>\_<version>.zip
  - Eg. IBM\_DCW\_Full\_Client\_Windows\_4.0.zip
- 4. Extract the contents of the .zip file to a chosen directory.

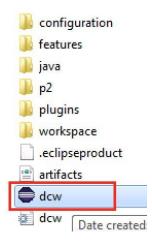
To learn more about the Database Conversion Workbench usage and functionality, go to heading Quick Start Guide.

## **Quick Start Guide**

In this section, you will learn how to quickly get started using Database Conversion Workbench with your database.

### Start the application

Go into the folder where you extracted the zip file contents and you will see the executable named **dcw**. Double-click on the **dcw** executable.



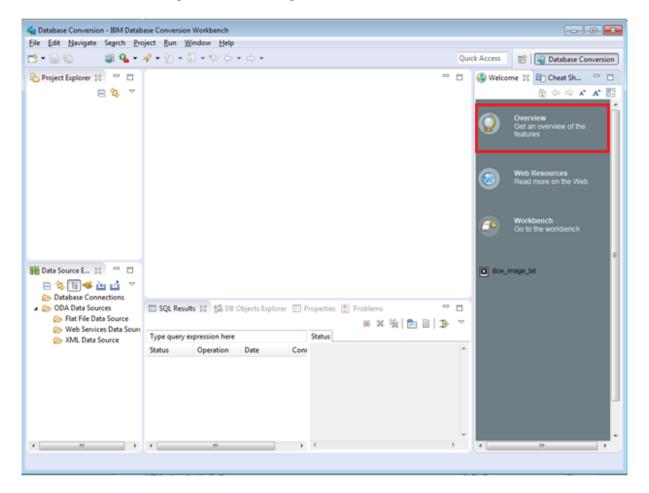
#### Choose a Workspace

You will be asked to choose a directory where your workspace is created. The workspace is where all files and projects you create will be stored. Click OK to continue.

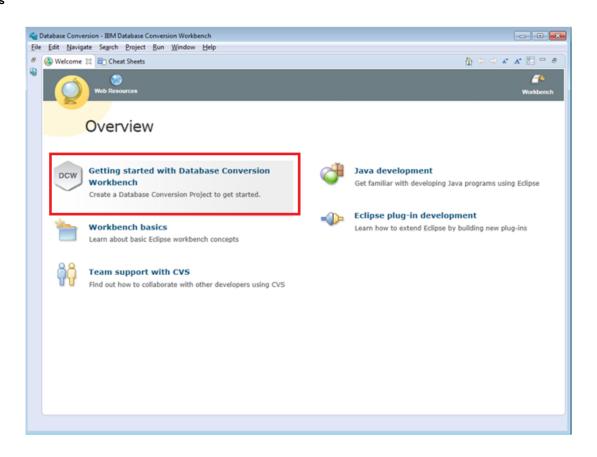
≼ Workspace La	auncher	<b>X</b>
Select a works	pace	
	Conversion Workbench stores your projects in a fo space folder to use for this session.	older called a workspace.
Workspace: C	:\Program Files (x86)\DownloadDirector\IBM_DC\	N_Full_Client_Windows_4  Browse
<b>V</b> Use this as th	ne default and do not ask again	
		OK Cancel

#### Welcome Page

Once you've chosen a workspace, Database Conversion Workbench will open up and you will see a Welcome Screen. On the Welcome Screen, **Overview Page**, Click on **Getting started with Database Conversion Workbench**.



#### **IBM Analytics**



On the right-hand side, you will see a Cheat Sheet, which describes how to start using Database Conversion Workbench. We suggest that you complete the Cheat Sheet to get familiar with the environment and how to use the database conversion functions.

Conversion - IBM Datab	ase Conversion	Workbench									-	- 0	
Ele Edit Navigate Search Pro	ject <u>B</u> un <u>Y</u>	Vindow Help											
📬 • 🖾 🚳 🖉 🗣 •	9-21-	() • 12 O	• 🗘 •						Quick	Access	🖽 Databa	se Conve	rsion
Project Explorer 🕄 🧧 🗆										Databa Overvie V • Introc The firs Conver A proje other a conver • Creat Conver 1. On til	Auction t step is to create a tion project. ct will contain the tofacts generated o sion. Click to Restart te a New Database ersion Project he menu bar, select	Database SQL files of Juring the	e and e
Data Source E 12  Constructions Contractions Contracti	SQL Resu	<b>16</b> 22 33 08	Objects Explore	er 🛄 P	roperties	Probler	115			2. Enter type of of Targ	Project wizard. the Project Name, Source Database, a et Database. ck to perform		
😂 Flat File Data Source						1.00	x 後   西	al 15		h Get T	o Know Your Envir	teeren	
😓 Web Services Data Souri	Type query a	expression here			Status		- AIL	- 1 -			rt an Existing SQL F		1
😕 XML Data Source	Status	Operation	Date	Con					14	+ Creat	e Database Connec	tion	(2)
	Preivo	opeauon	Poic	COM						<ul> <li>Extrac Datab</li> </ul>	t DDL from the So base	urce	Ø
										> Next	Steps		
										Evalu	ate Compatibility		0
										Conv	ert SQL		1
										Run S			
										Data I	Movement		1
· · · · · ·	¥												
	Contra-												

#### Working with Cheat Sheet

To start working with the cheat sheet, click on "Click to Restart".

To navigate the cheat sheet, finish a certain task and it will be automatically marked as completed. Continue through the tasks by performing one of the commands you come across:

- Click to perform
- Click when complete
- Click to skip

To learn more information about a task, you will see a question mark near the task heading. Clicking on the question mark will redirect you to the Help page.

<ul> <li>Database Conversion Overview</li> <li>Introduction</li> <li>The first step is to create a Database Conversion project.</li> <li>A project will contain the SQL files and other artifacts generated during the conversion.</li> <li>Click to Restart</li> <li>Create a New Database Conversion Project</li> <li>On the menu bar, select File &gt; New &gt; DCW Project wizard.</li> </ul>								
Overview ✓  ✓ Introduction The first step is to create a Database Conversion project. A project will contain the SQL files and other artifacts generated during the conversion. © Click to Restart ✓ Create a New Database Conversion Project 1. On the menu bar, select File > New > DCW Project wizard.								
Overview ✓  ✓ Introduction The first step is to create a Database Conversion project. A project will contain the SQL files and other artifacts generated during the conversion. © Click to Restart ✓ Create a New Database Conversion Project 1. On the menu bar, select File > New > DCW Project wizard.								
<ul> <li>Introduction         The first step is to create a Database Conversion project.         A project will contain the SQL files and other artifacts generated during the conversion.         Click to Restart         </li> <li>Create a New Database Conversion Project</li> <li>On the menu bar, select File &gt; New &gt; DCW Project wizard.</li> </ul>								
The first step is to create a Database Conversion project. A project will contain the SQL files and other artifacts generated during the conversion. Click to Restart Create a New Database Conversion Project 1. On the menu bar, select File > New > DCW Project wizard.								
Conversion project. A project will contain the SQL files and other artifacts generated during the conversion. Click to Restart Create a New Database Conversion Project 1. On the menu bar, select File > New > DCW Project wizard.								
A project will contain the SQL files and other artifacts generated during the conversion. Click to Restart Create a New Database Conversion Project 1. On the menu bar, select File > New > DCW Project wizard.								
other artifacts generated during the conversion.         Click to Restart         Create a New Database Conversion Project         1. On the menu bar, select File > New > DCW Project wizard.								
<ul> <li>Click to Restart</li> <li>Create a New Database Conversion Project</li> <li>On the menu bar, select File &gt; New &gt; DCW Project wizard.</li> </ul>								
Create a New Database Conversion Project      On the menu bar, select File > New     > DCW Project wizard.								
Conversion Project 1. On the menu bar, select File > New > DCW Project wizard.								
<ol> <li>On the menu bar, select File &gt; New</li> <li>DCW Project wizard.</li> </ol>								
> DCW Project wizard.								
-								
2. Enter the Project Name, select the								
type of Source Database, and the type								
of Target Database.								
Click to perform								
Get To Know Your Environment								
Import an Existing SQL File     ⑦								
Create Database Connection     (?)								
Extract DDL from the Source     ②     Database								
Next Steps								
<ul> <li>Evaluate Compatibility</li> <li>(?)</li> </ul>								
U U								
Convert SQL								
Convert SQL (?)								
Convert SQL (?) Run SQL Files								

## 3 Access the Help System

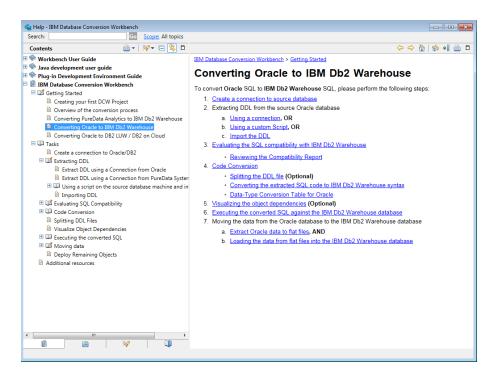
Database Conversion has detailed step-by-step information on how to use its many features. Follow these steps on how to navigate the Help system.

- 1. Once your Database Conversion application is launched, on the menu bar, select **Help > Help Contents**
- 2. This will display the window titled Help IBM Database Conversion Workbench. Select the plus (+) sign on the last item titled IBM Database Conversion Workbench
- 3. You will see many subtitles within the main item **IBM Database Conversion Workbench**. Within each sub-item, you can find extensive details on a task.

🛬 Help - IBM Database Conversion Workbench							
Search: Go	Scope: All topics						
Contents 👜 🖬 🕅 🚧							
🗉 🧇 Workbench User Guide							
🗄 🧇 Java development user guide							
🗄 🧇 Plug-in Development Environment Guide							
IBM Database Conversion Workbench							
🖻 🖽 Getting Started							
Creating your first DCW Project							
Overview of the conversion process							
Converting PureData Analytics to IBM Db2 Warehouse							
Converting Oracle to IBM Db2 Warehouse							

- Converting Oracle to DB2 LUW / DB2 on Cloud
- a. For example, if you want to find details on how to convert the database from Oracle to IBM Db2 Warehouse, you would double-click on the following items sequentially:
  - *i.* IBM Database Conversion Workbench
  - ii. Getting Started
  - iii. Converting Oracle to IBM Db2 Warehouse this will provide you details (ie. Further links or information on how to perform this task). When you click on a link it will redirect you to one of the pages within this Help system.

#### **IBM Analytics**





© Copyright IBM Corporation 2018 All Rights Reserved.

IBM Canada 8200 Warden Avenue Markham, ON L6G 1C7 Canada

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at <u>ibm.com/legal/copytrade.shtml</u>.

Oracle and JDBC are trademarks or registered trademarks of Oracle Corporation in the United States, other countries, or both.

Linux is trademark or registered trademark of Linux Torvald in the United States, other countries, or both.

Other company, product and service names may be trademarks or service marks of others.

References in this publication to IBM products and services do not imply that IBM intends to make them available in all countries in which IBM operates.

No part of this document may be reproduced or transmitted in any form without written permission from IBM Corporation.

Product data has been reviewed for accuracy as of the date of initial publication. Product data is subject to change without notice. Any statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

THE INFORMATION PROVIDED IN THIS DOCUMENT IS DISTRIBUTED "AS IS" WITHOUT ANY WARRANTY, EITHER EXPRESS OR IMPLIED. IBM EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

IBM products are warranted according to the terms and conditions of the agreements (e.g. IBM Customer Agreement, Statement of Limited Warranty, International Program License Agreement, etc.) under which they are provided.