PENKO Engineering B.V.

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How to...

Configure BDE for Windows 7 and 8



PENKO How to... Configure BDE for Windows 7 and 8

Windows 7 and 8 can be very restrictive towards applications written for the previous versions of Windows. This is the case with the **Borland Database Engine (BDE)**, which is not capable of running in Windows 7 and 8 unless two settings have been changed:

- A permission for the BDE must be given in the windows registry database
- A BDE attribute named "NET DIR" must be configured to an arbitrary folder other than the root drive (C:\). This configuration is done in the "BDE Administrator" program that's installed with the BDE Info Setup utility.

Note: The examples in this document are made with Windows 8, but are applicable for Windows 7.

Installation

Install BDE Info Setup version 1.0.0.2 by right clicking the file and choose "Run as administrator".





The following screen is shown:





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Click next. The following screen is shown: Optionally change the

4 <u>4</u>	BC	DE Information Utility Installation	×
الله (۲) (۲) (۲) (۲) (۲) (۲) (۲) (۲) (۲) (۲)		Installed Components This installation program needs to search for previously install components. Press the Next button to start the search for installed components. This process may take several seconds to complete.	ed
		< <u>B</u> ack <u>N</u> ext> Cancel	

Click next. The following screen is shown. destination folder.

%	BDE Information Utility Installat	ion 💌
₩ \$	Select BDE Folde The Borland Database Engine is a st that provides a common database lay Borland Database Engine Folder: C:\\Borland\Common Files\BDE Advanced Settings Press the Advanced button below IDAPI configuration file and other E not need to do this unless instructer Technical Support. Advance	27 Pared software component ver for applications. Browse bo set the location of the 3DE options. You should d by Carpe Diem d
	< <u>B</u> ack	Cancel

Click next. The following screen is shown:



Click next. The following screen is shown:

	BC	E Information Utility Installation	×
\$\$		Installation Completed! The installation of BDE Information Utility has been a completed. Press the Finish button to finish the Carpe Diem insta	uccessfully sllation.
		< <u>B</u> ack <u>Einish</u>	Cancel

Click Finish. BDE Information Utility is now installed.



Configure BDE permissions

Make sure you are logged into Windows with an administrator account. Open the Run dialog:

Windows 7	Start - Run	
Windows 8	All apps -	10
	Run	_

In the Run dialog type "regedit" and click OK.



The Registry Editor opens:

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Open HKEY_LOCAL_MACHINE and then open SOFTWARE. Look for the BORLAND folder. On 32-bit Windows this folder is directly in the SOFTWARE folder. On 64-bit Windows it is placed in the "Wow6432Node" subfolder.

Right click the BORLAND folder and select Permissions.

The Permissions dialog is shown:

Permissions for Borland	×			
Security				
Group or user names:				
ALL APPLICATION PACKAGES				
& CREATOR OWNER				
Administrators (EDE_RND_TEST_Administrators)				
& Users (EDE_RND_TEST\Users)				
Add Bemove				
Add Hellove	-			
Permissions for Users Allow Deny	_			
Full Control				
Read				
Special permissions				
For special permissions or advanced settings, Advanced click Advanced.				
OK Cancel Apply				

Select Users and check "Allow" for Full Control. Click OK. Exit the Registry Editor.

Configure BDE

The Borland Database Engine makes use of a special file called "Pdoxusrs.net". The default setting for the placement of this file is in the root of drive C, which will fail under Windows 7 and 8, as this operating system does not permit new files to be created here. However, it is permitted to designate any subfolder for the "Pdoxusrs.net" file to be placed. The name of this new folder is of minor importance. For example, here we will choose "BDEShare".

Create a subfolder in the root drive C and name it "BDEShare". So the file path for this new subfolder will be "C:\BDEShare". Remember this string value because you will need to enter it below.

Now open the BDE Administrator:



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C:\Program Files\Borland\Common Files\BDE

C:\Program Files (x86)\Borland\Common Files\BDE

The BDE Administrator dialog is shown:

😂 BDE Administrator C:\Program Files (x86)\Borland\Common F 🗕 🗖 🗙					
Object Edit View Options Help					
$rac{1}{2}$					
Drivers and System	Definition of PARADOX				
Databases Configuration	Definition				
🖃 🕨 🏷 Configuration	VERSION	4.0			
🚊 🕨 🍉 🕞 Drivers	TYPE	FILE			
🖻 🕨 🔁 Native	LANGDRIVER	'ascii' ANSI			
🕨 😚 PARADOX	NET DIR	C:\BDEShare			
- 🐨 DBASE	BLOCK SIZE	2048			
FOXPRO	FILL FACTOR	95			
MSACCESS	LEVEL	7			
	STRICTINTEGRTY	TRUE			
MSSUL					
THE STBASE					
⊡ System					
Location of the application's network control file (PDOXUSRS.NET).					

Click the tab sheet "Configuration". Go to Drivers - Native and click the "Paradox" entry. By default, the "NET DIR" property shows C:\. Change this to the folder created earlier, C:\BDEShare.

Exit the BDE Administrator and confirm that the changes must be saved.

BDE is now configured properly for your Windows 7 or 8 machine.





About PENKO

Our design expertise include systems for manufacturing plants, bulk weighing, check weighing, force measuring and process control. For over 35 years, PENKO Engineering B.V. has been at the forefront of development and production of high-accuracy, high-speed weighing systems and our solutions continue to help cut costs, increase ROI and drive profits for some of the largest global brands, such as Cargill, Sara Lee, Heinz, Kraft Foods and Unilever to name but a few.

Whether you are looking for a simple stand-alone weighing system or a high-speed weighing and dosing controller for a complex automated production line, PENKO has a comprehensive range of standard solutions you can rely on.

Certifications

PENKO sets high standards for its products and product performance which are tested, certified and approved by independent expert and government organizations to ensure they meet – and even – exceed metrology industry guidelines. A library of testing certificates is available for reference on:

http://penko.com/nl/publications_certificates.html

PENKO Professional Services

PENKO is committed to ensuring every system is installed, tested, programmed, commissioned and operational to client specifications. Our engineers, at our weighing center in Ede, Netherlands, as well as our distributors around the world, strive to solve most weighing-system issues within the same day. On a monthly basis PENKO offers free training classes to anyone interested in exploring modern, high-speed weighing instruments and solutions. A schedule of training sessions is found on: www.penko.com/training

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