

## **DB2 Express-C Install & Upgrade Instructions**

**Last updated: May 25<sup>th</sup>, 2007**

### **Install (For a new installation of DB2 Express-C 9)**

1. Ensure you review the [System Requirements](#) before installing DB2 Express-C
2. Download the image and run "setup" on Windows or "./db2setup" on Linux
  - Windows Vista users: ensure that you right-click setup.exe and pick the "Run as Administrator" option.
  - Linux users: db2setup and db2\_install must be run with root authority.
3. [OPTIONAL] Review the online license agreement for [Linux](#) or [Windows](#) (This is the same license agreement displayed by the graphical DB2 installer.)

### **Upgrade**

If you have purchased the DB2 Express-C 12 Months License and Subscription, you can use the latest DB2 fixpack to upgrade DB2 Express-C. For links to the latest DB2 fixpacks and links to fixpack upgrade instructions, please see the [Support page on the DB2 Express-C website](http://www.ibm.com/db2/express/support.html) (<http://www.ibm.com/db2/express/support.html>)

If you are using the free unwarranted version of DB2 Express-C then you must uninstall the "old" image and install the "new" image. We recommend you follow these steps:

1.) [OPTIONAL] Back up your data and settings before uninstalling DB2 Express-C. Note that this is only required if you have saved your data in the same path where DB2 Express-C is installed.

a.) Execute the following commands:

```
db2 list db directory > db.out
db2 list node directory > node.out
db2 list dcs directory > dcs.out
db2 get dbm cfg > dbmcfg.out
db2 get db cfg for {database_name} > dbcfg.out
db2set -all > db2set.out
```

Alternatively, you can run the command:

```
db2support .
```

This command saves the above information (and more) in a file called db2support.zip. Note that there is a dot after the command to indicate db2support.zip will be created in the current directory.

Ensure none of your databases were created under these paths:

On Windows: <drive:>\Program Files\IBM\SQLLIB  
On Linux: /opt/IBM/db2/V9.1

b.) If you want to be extra cautious, backup all of your databases.

```
db2 backup db {dbname}
```

This is a good practice to get in the habit of anyway, we recommend backing up all your databases before upgrading DB2.

c.)

From the DB2 Configuration Assistant, choose:

Configure --> Export Profile --> All

and follow the instructions to save configuration information to a file.

d) In (a) we saved the information into files in text format. This information can be used to manually restore your settings.

In (c) we saved the information in a text file using the configuration assistant, with a syntax DB2-can use to import the information back.

Now you can uninstall the previous DB2 Express-C image, and install the new DB2 Express-C image.

2.) Uninstall the previous DB2 Express-C image.

- On Windows, use "Add or Remove Programs" from the Control Panel
- On Linux, use the db2\_deinstall script, which is located in the <DB2 installation dir>/install path (e.g. /opt/IBM/db2/V9.1/install/db2\_deinstall)

3.) Install the new DB2 Express-C image following the same process as a new DB2 Express-C installation

4.) After installing the new image, restore the old settings from the profile that was exported in #1(c):

- a) Open the DB2 Configuration Assistant
- b) Choose: Configure --> Import Profile --> All (look for the file previously saved in (3) )

5.) Verify all the information is correct after the installation of the new image:

```
db2 list db directory
db2 list node directory
db2 list dcs directory
db2 get dbm cfg
db2set -all
```

To verify the DB2 level, issue this command:  
db2level

6.) If you have any questions or problems about this procedure, post them in the DB2 Express online forum:

[http://www.ibm.com/developerworks/forums/dw\\_forum.jsp?forum=805&cat=19](http://www.ibm.com/developerworks/forums/dw_forum.jsp?forum=805&cat=19)