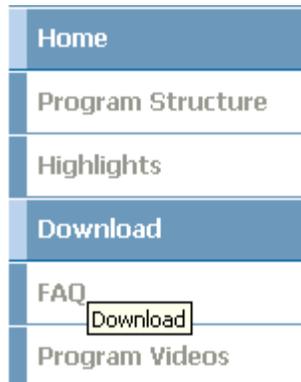


## SPEC7 version 13081 installation guide:

- 1) Download SPEC7 from web
- 2) Save your work Online.
- 3) Uninstall previous version of SPEC7
- 4) Install SPEC7 version 13081
- 5) Reset local database
- 6) Update local database
- 7) Work Online

SPEC7 version 13081 installation guide:

- 1) download SPEC7 rev:13081 installation program from <http://spec.dunham-bush.com>
  - a. Run Internet Explorer and enter the above address into the address bar.
  - b. Please use your SPEC username and password to clear the authentication.
  - c. Please select the “download” tab on the left (img1)



(img1)

- d. Choose the platform that your PC is using, click on the applicable platform icon, it is either Windows or Mac (img2),

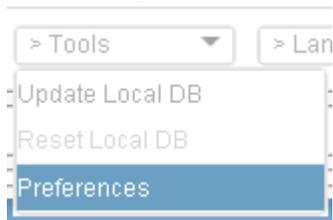


(img2)

- e. Then select either “server1” or “server2” to download and save the file “SPECSetup.msi” to a known location.

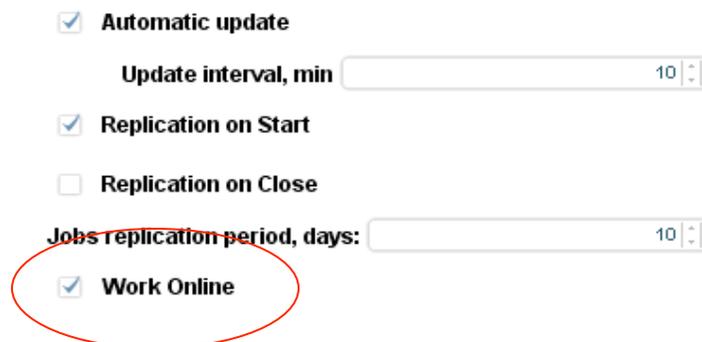
- 2) Save your work Online.

- a. In SPEC, go to “Tools” then “preference”. (img3)



(img3)

- b. Please click on the checkbox of “Work Online” then click “OK”. (img4)



(img4)

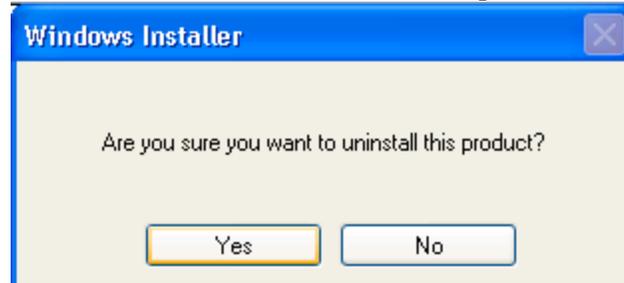
- c. SPEC will synchronize your local database to the server.
      - d. After successfully synchronize, exit SPEC.

- 3) Uninstall previous version of SPEC7
  - a. Click on “Start” button and select program.
  - b. Then select “Dunham-Bush SPEC” and click on “Uninstall SPEC”.(img5)



(img5)

- c. When it asks for uninstall confirmation, please click on “YES”.(img6)

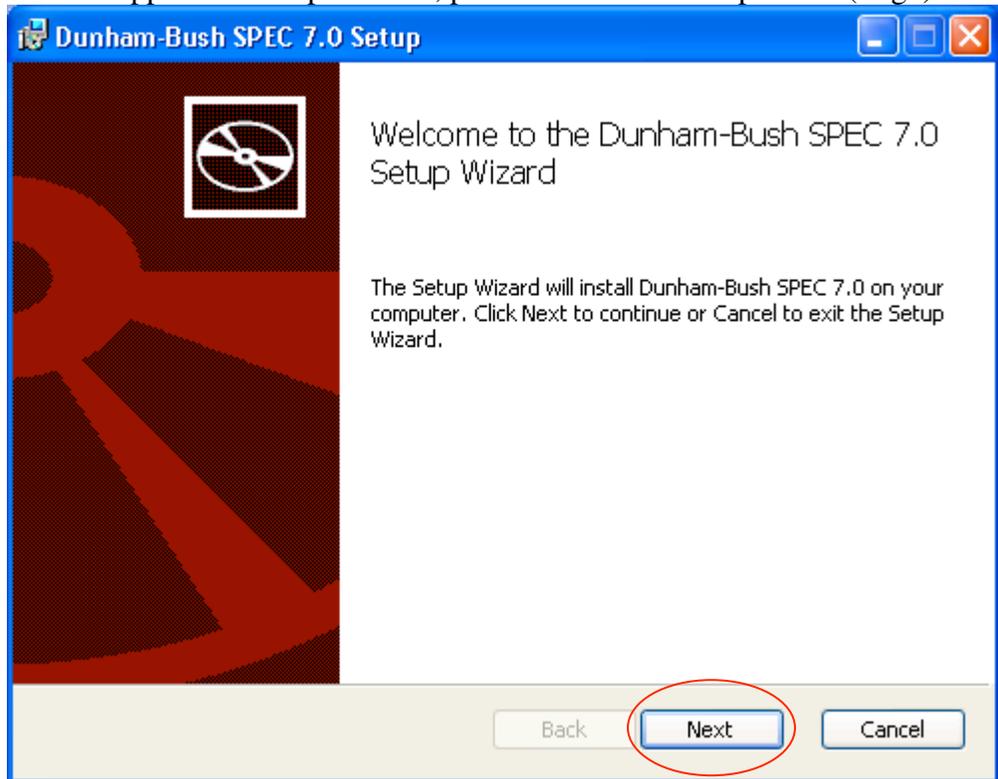


(img6)

- d. Wait for it to complete.

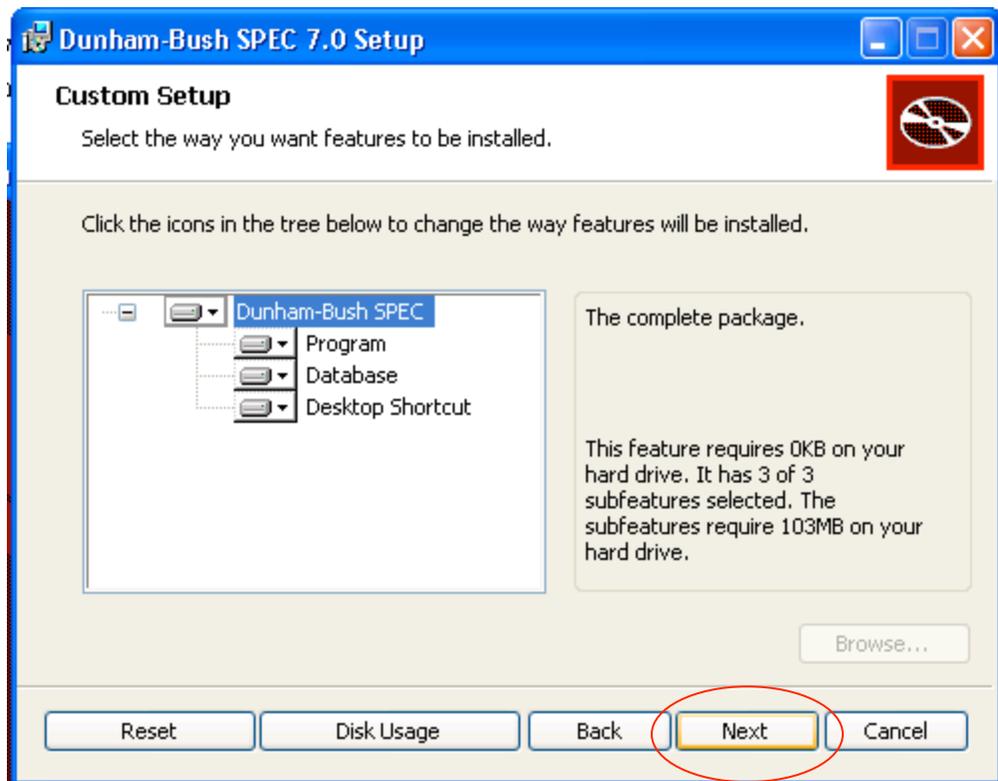
- 4) Install SPEC7 version 13081

- a. Run the file “SPECSetup.msi” that you have just downloaded.
  - b. When it appear the setup window, please click “Next” to proceed.(img7)



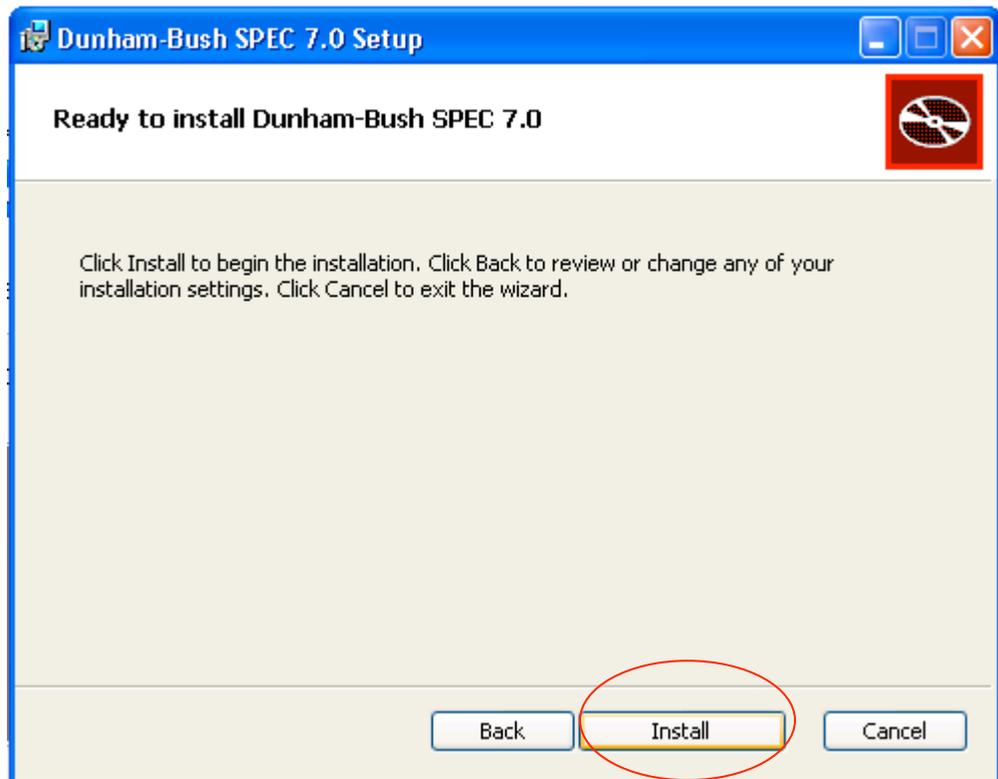
(img7)

- c. Click “Next” on the custom setup window (img8)



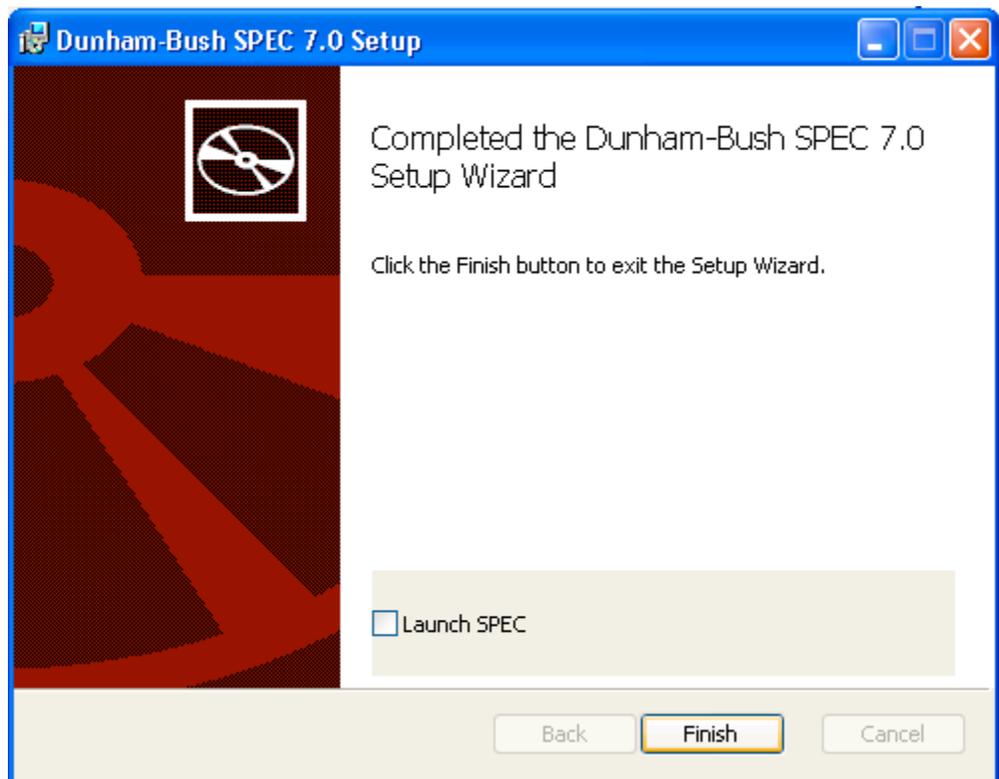
(img8)

- d. When it reaches ready to install window (img9), click “Install”.



(img9)

- e. Wait for it to complete, then a window will appear to show the installation is complete. Please click “Finish”. (img10)

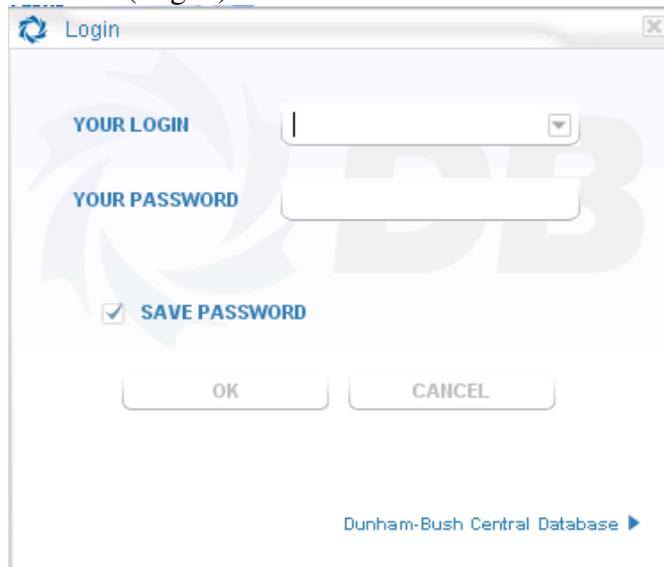


(img10)

5) Reset local database

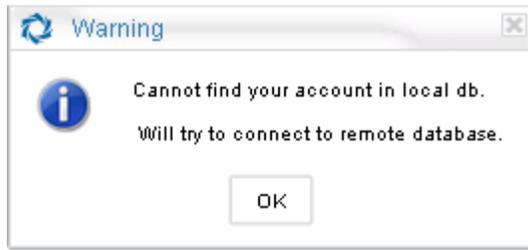


- a. Run SPEC by double clicking the icon “SPEC” on desktop.
- b. Please enter your SPEC username and password in the authentication window. (img11)



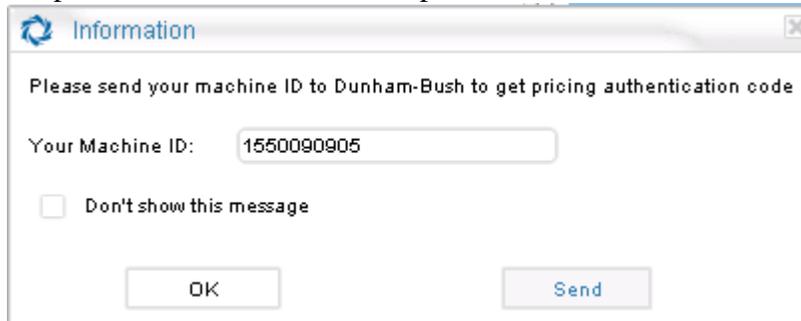
(img11)

- c. Then Click “OK”.
- d. You will see a warning window as shown in img12, Click OK to continue



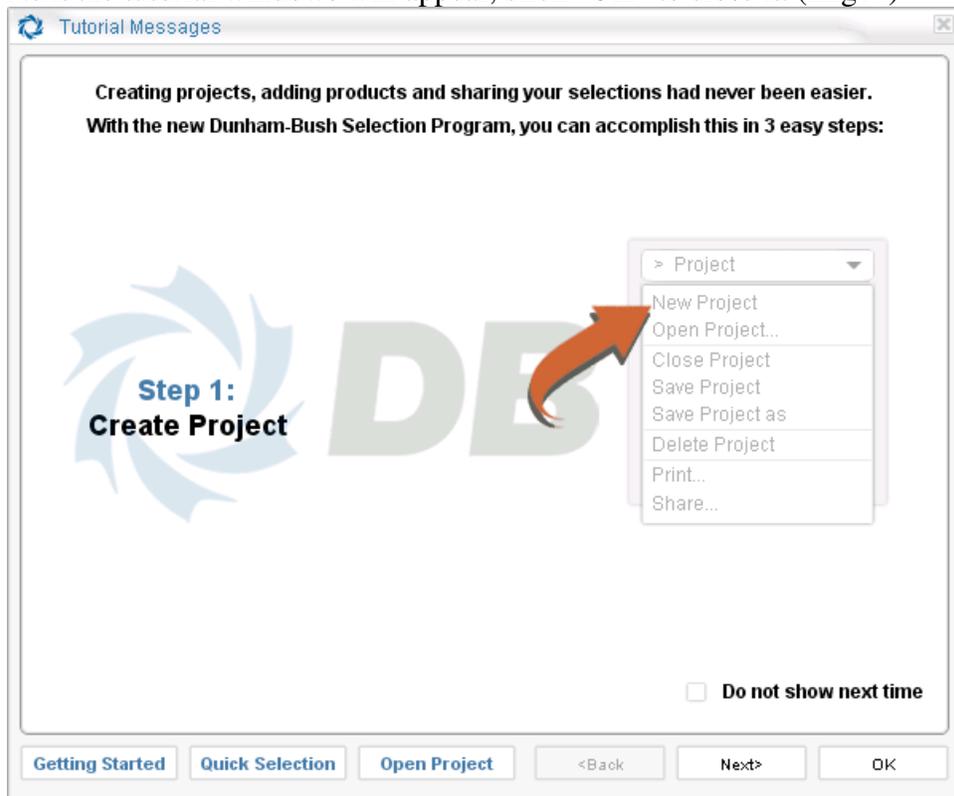
(img12)

- e. An information window will appear and showing your machine ID, click “Send” (img13) to send the information to Dunham-bush, we will send you the price secure code as soon as possible.



(img13)

- f. Next the tutorial windows will appear, click “OK” to close it. (img14)



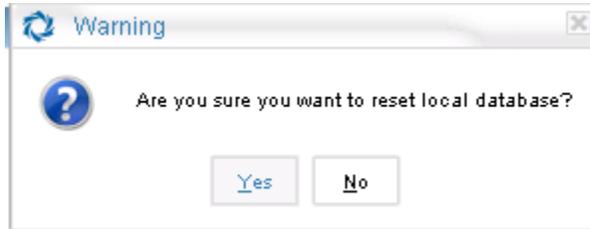
(img14)

- g. Please go to “Tool” then select “Reset Local Database” from the drop down menu. (img15)



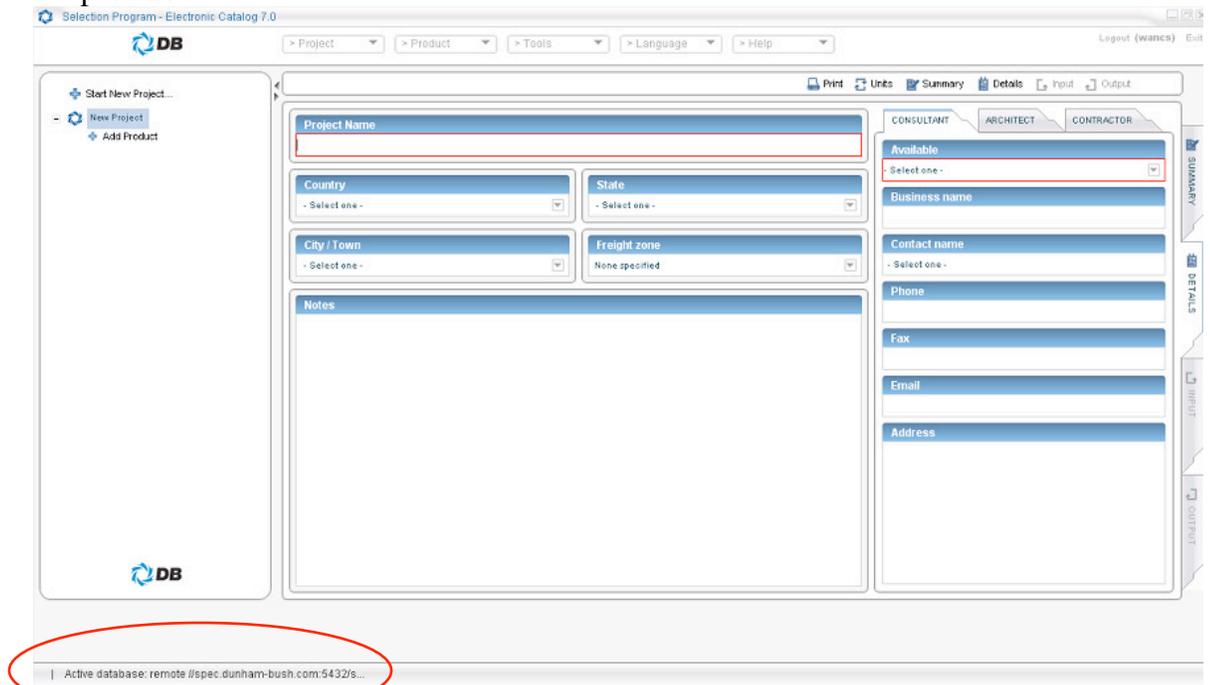
(img15)

- h. A warning window will pop up and ask your confirmation (img16). Please select “Yes” to continue.



(img16)

- i. Please be patient, this process is going to take a while, it depends on the internet connection speed of your region, it can go up to 15 – 20 minutes if your internet connection speed is slow.
- j. After the progress bar is changed back to display “Active database: remote//spec.dunham-bush.com:5432/s...”, the reset local database process is complete.
- k. Please double click on the progress bar where it displays “Active database: remote//spec.dunham-bush.com:5432/s...” (img17), an event history window (img18) will pop up and you can acknowledge the result of the reset process.



(img17)

| Date/Time         | Event                   |
|-------------------|-------------------------|
| 05.04.12 17:18:53 | Database close          |
| 05.04.12 17:18:53 | Active database: local  |
| 05.04.12 17:18:53 | Database open           |
| 05.04.12 17:18:53 | Active database: local  |
| 05.04.12 17:18:53 | Active database: local  |
| 05.04.12 17:18:54 | Active database: remote |
| 05.04.12 17:18:58 | Active database: remote |
| 05.04.12 17:19:59 | Replication started     |
| 05.04.12 17:21:48 | Replication failed      |
| 05.04.12 17:21:48 | Replication finished    |
| 05.04.12 17:21:48 | Active database: remote |
| 05.04.12 17:22:10 | Replication started     |
| 05.04.12 17:22:10 | Replication started     |
| 05.04.12 17:22:10 | Local db backup created |
| 05.04.12 17:25:45 | Replication finished    |
| 05.04.12 17:25:45 | Active database: remote |

(img18)

1. If the status window (img18) show “replication finished”, it means the reset process has been done successfully. If it show “replication fail”, then you will have to contact Dunham-Bush.
- m. Click the “Close” button to close the event history window.

#### 6) Update local database

- a. After you have successfully reset the local database, you can do an update local database by selecting “Update Local database” from “Tools”. (img19)



(img19)

- b. Wait for the progress bar to finish the process, then you can continue to work.

#### 7) Work Online

- a. After you have successfully reset the local database, on your next restart of SPEC, the SPEC will be running on local database.
- b. In SPEC, go to “Tools” then “preference”. (img3)
- c. Please click on the checkbox of “Work Online” then click “OK”. (img4)
- d. SPEC will synchronize the local database with server, when completed, it will switch to use remote server.

Note: It is recommended to work online everyday for a while to synchronize the database; it will prevent you from loosing your work if the database has been corrupted by virus or during version updating process.