



Create Database in DB2 Express-C for Support Thai

Issue Date: 24th April 2006
Version: 0.1

Kriangkrai Nitranon
Technical Sales, IBM Software Group
IBM Thailand Ltd

kriangkr@th.ibm.com

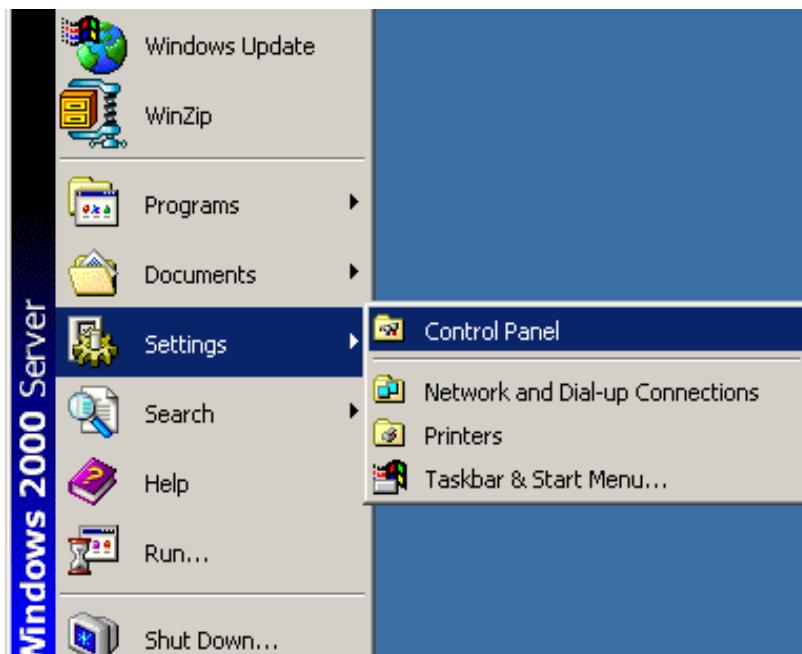
DB2 Express C v8.2.4	Page 1 of 13	Version	0.1
Kriangkrai Nitranon	Copyright © IBM (TH) Ltd 2005	Issue Date:	Error! Unknown

0 Document History

Revision	Author	Date	Notes
0.1	Kriangkrai Nitranon	24/04/2006	First Draft

ขั้นตอนการสร้างฐานข้อมูลภาษาไทย

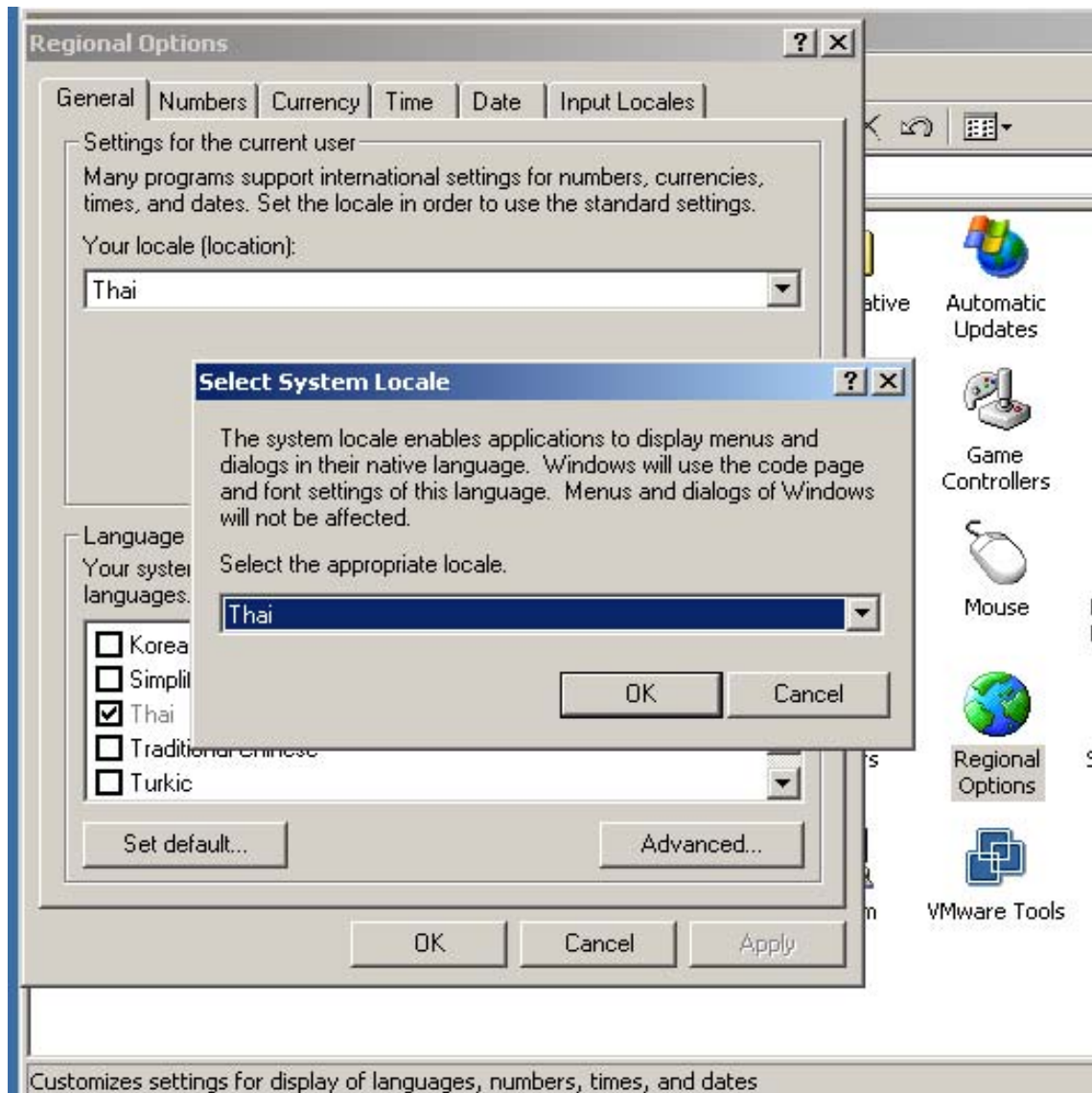
- 1 ตรวจสอบว่า Regional Option ของ MS Windows เลือกภาษาไทยหรือไม่



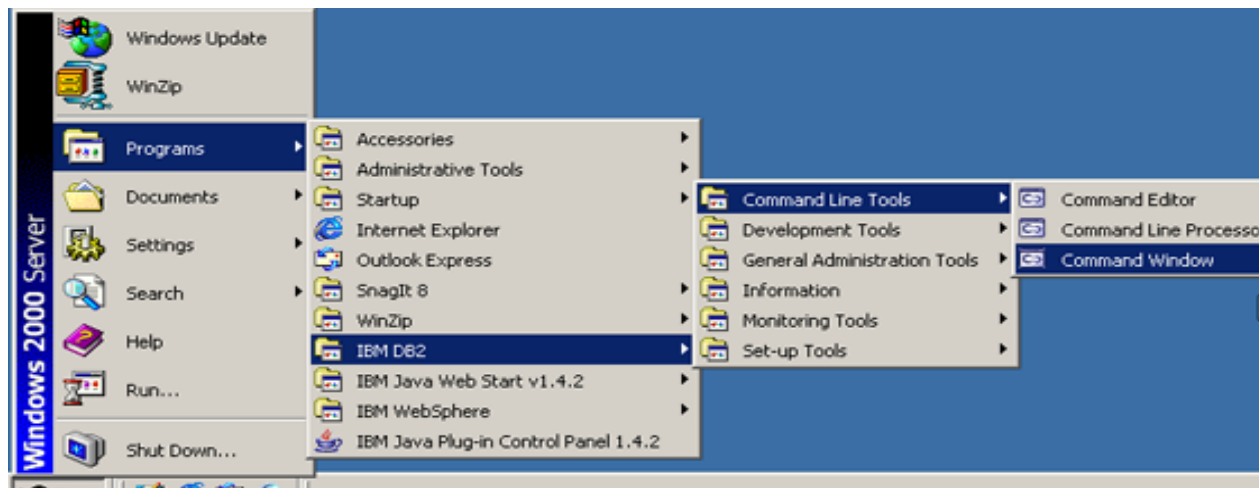
Double click



เลือก your locale Thai และ set default แล้วเลือก Thai

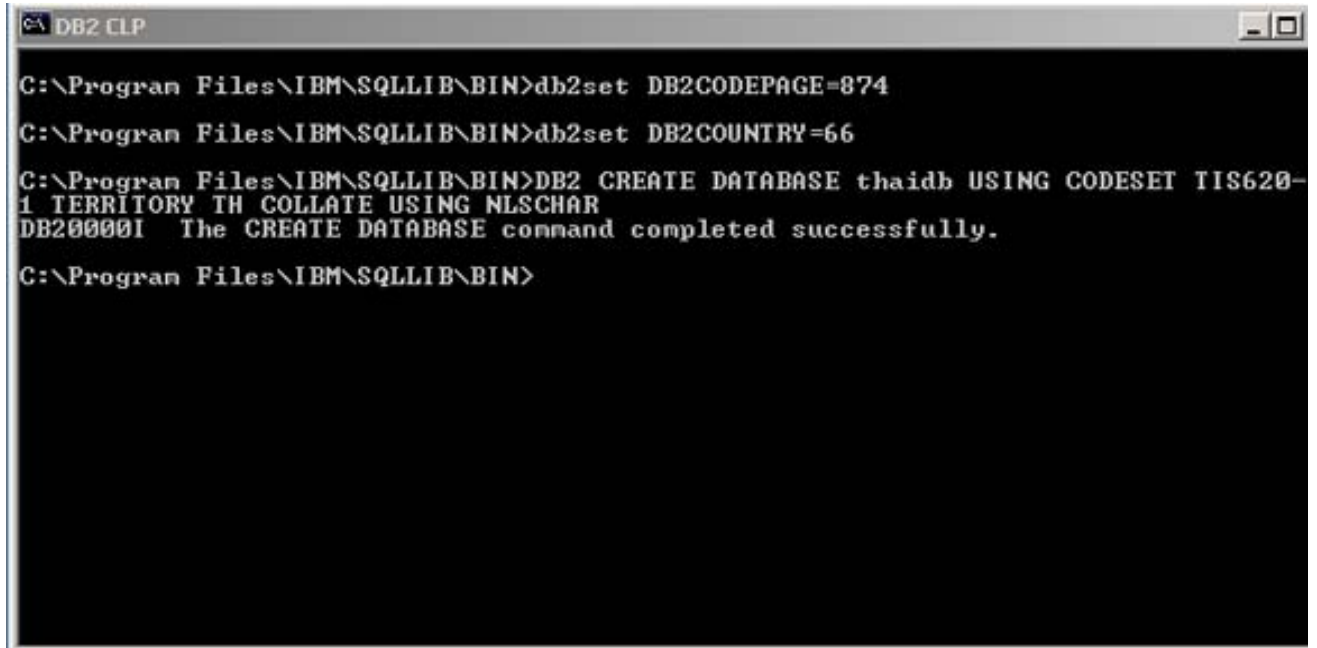


2 เลือก Start --> Programs --> IBM DB2 --> Command line tools --> Command Window



พิมพ์คำสั่งตามนี้

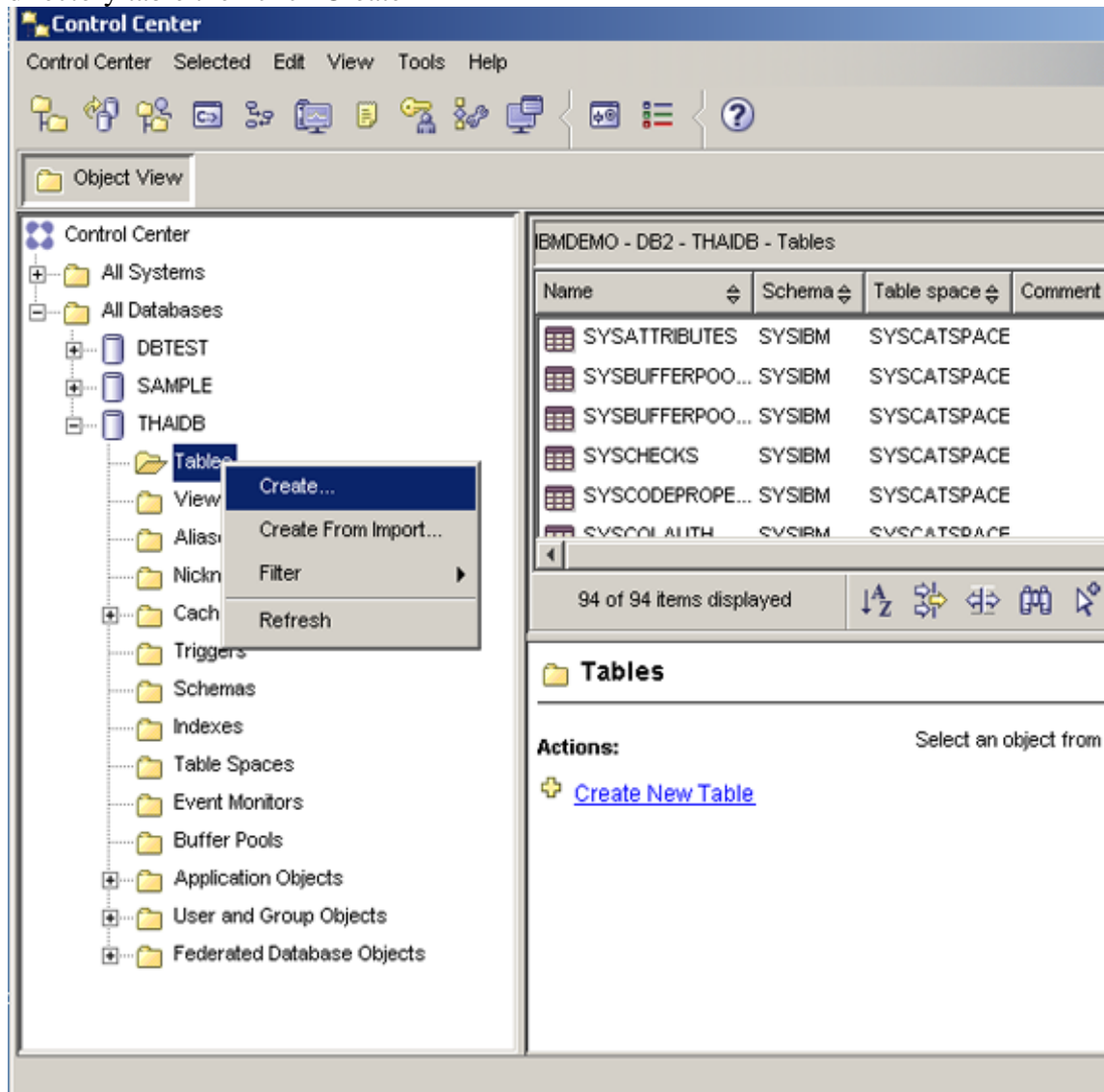
- 3 db2set DB2CODEPAGE=874
- 4 db2set DB2COUNTRY=66
- 5 DB2 CREATE DATABASE <databaseName> USING CODESET TIS620-1 TERRITORY TH COLLATE USING NLSCHAR

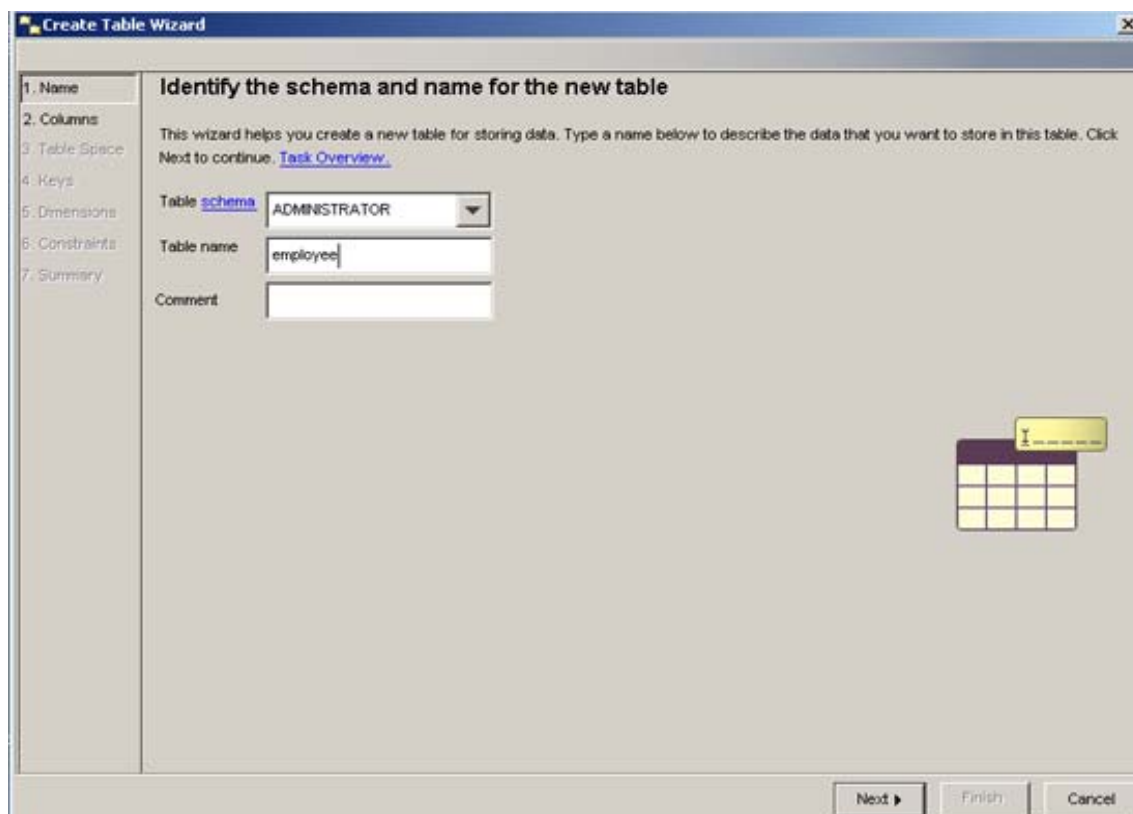


```

C:\Program Files\IBM\SQLLIB\BIN>db2set DB2CODEPAGE=874
C:\Program Files\IBM\SQLLIB\BIN>db2set DB2COUNTRY=66
C:\Program Files\IBM\SQLLIB\BIN>DB2 CREATE DATABASE thaidb USING CODESET TIS620-1 TERRITORY TH COLLATE USING NLSCHAR
DB20000I  The CREATE DATABASE command completed successfully.
C:\Program Files\IBM\SQLLIB\BIN>
  
```

เข้าไปที่ DB2 Control Center จะเห็น Database ที่เราเพิ่งสร้างเมื่อกี้ จากนั้นทำการ create table โดยการ right click at directory table then click Create





Create Table Wizard

1. Name
2. Columns
3. Table Space
4. Keys
5. Dimensions
6. Constraints
7. Summary

Identify the schema and name for the new table

This wizard helps you create a new table for storing data. Type a name below to describe the data that you want to store in this table. Click Next to continue. [Task Overview](#)

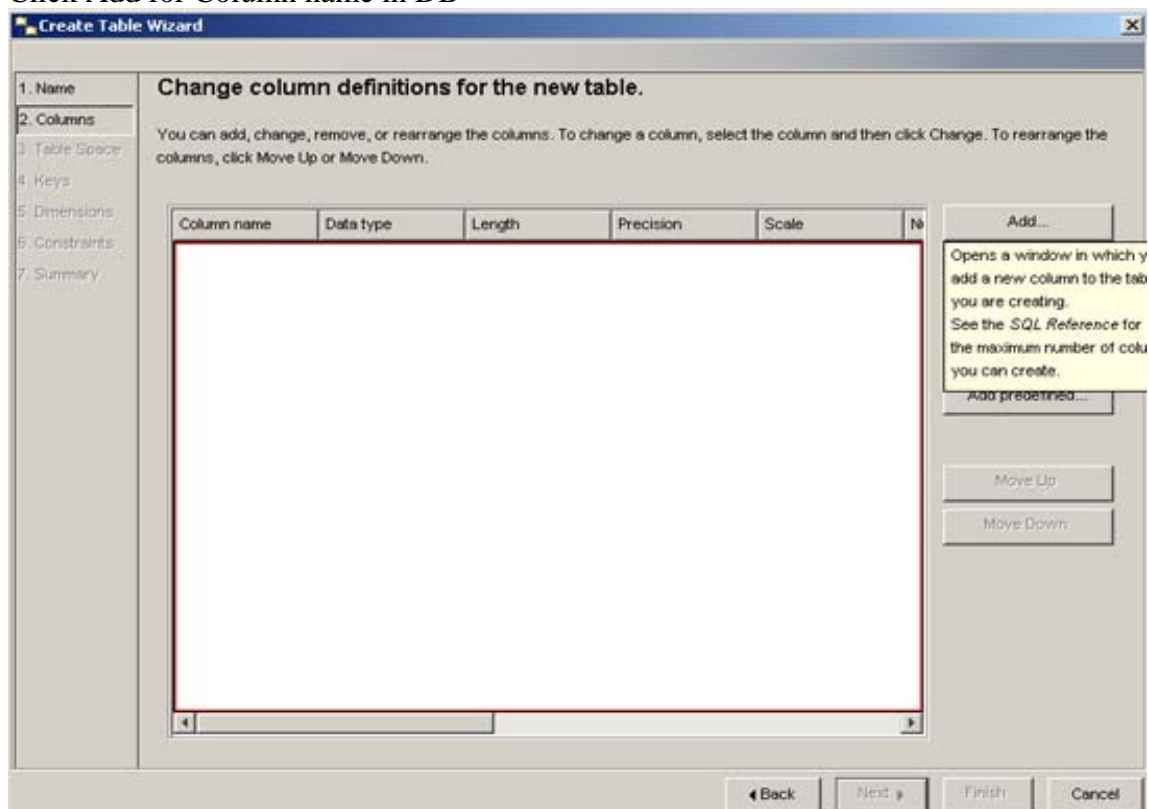
Table schema ADMINISTRATOR

Table name employee

Comment

Next ► Finish Cancel

Click Add for Column name in DB



Create Table Wizard

1. Name
2. Columns
3. Table Space
4. Keys
5. Dimensions
6. Constraints
7. Summary

Change column definitions for the new table.

You can add, change, remove, or rearrange the columns. To change a column, select the column and then click Change. To rearrange the columns, click Move Up or Move Down.

Column name	Data type	Length	Precision	Scale	Nullable

Add...

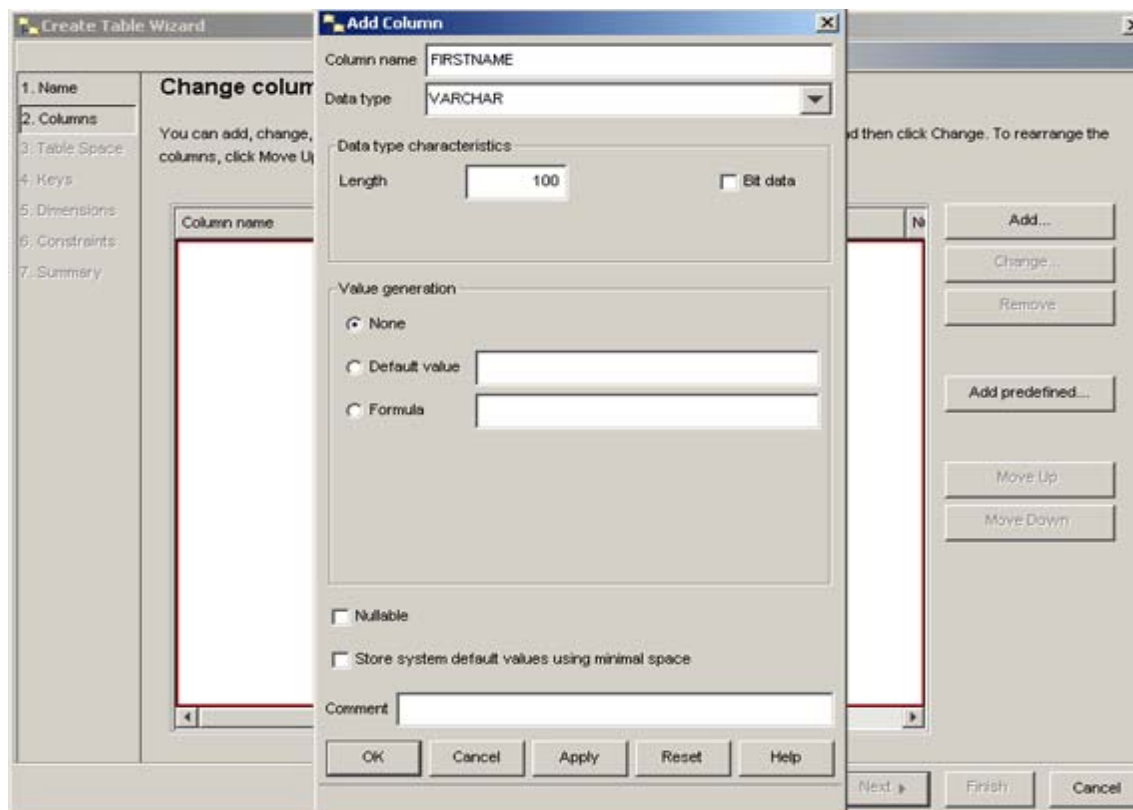
Opens a window in which you add a new column to the table you are creating. See the [SQL Reference](#) for the maximum number of columns you can create.

Add predefined...

Move Up

Move Down

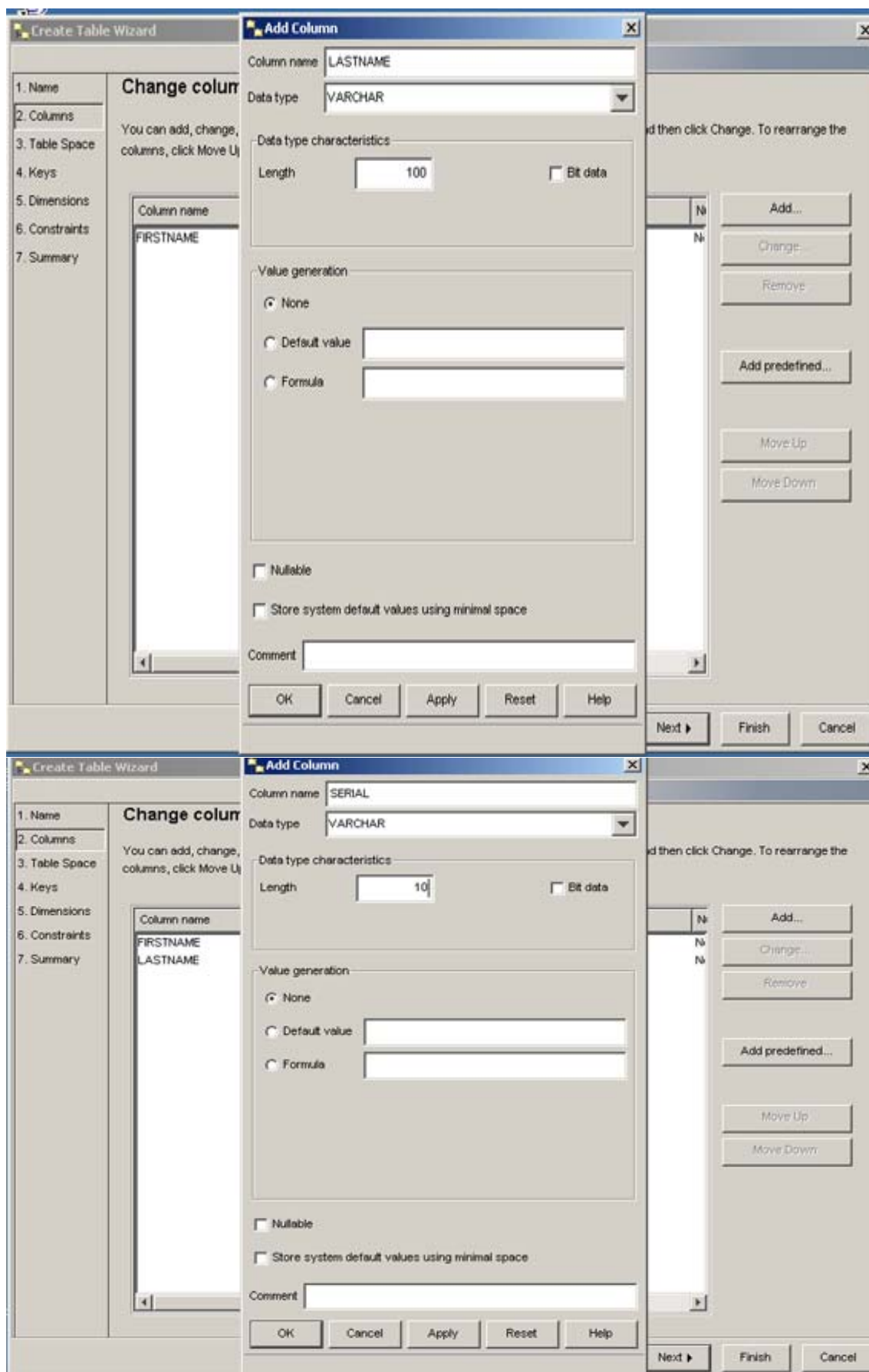
◀ Back Next ► Finish Cancel



The screenshot shows the 'Create Table Wizard' with the 'Columns' step selected. The 'Add Column' dialog box is open, showing the following details:

- Column name:** FIRSTNAME
- Data type:** VARCHAR
- Data type characteristics:**
 - Length:** 100
 - Bit data:** ☐
- Value generation:**
 - ☒ None
 - ☐ Default value:
 - ☐ Formula:
- Nullable:** ☐
- Store system default values using minimal space:** ☐
- Comment:**

Buttons at the bottom of the dialog include OK, Cancel, Apply, Reset, and Help. The background wizard shows a list of columns on the left and a 'Change column' panel on the right with buttons for Add, Change, Remove, Add predefined, Move Up, and Move Down.



Create Table Wizard

1. Name
2. Columns
3. Table Space
4. Keys
5. Dimensions
6. Constraints
7. Summary

Change column

You can add, change, columns, click Move Up

Column name
FIRSTNAME

Add Column

Column name: LASTNAME
Data type: VARCHAR
Data type characteristics: Length: 100 ☐ Bit data
Value generation: ☒ None
☐ Default value:
☐ Formula:
☐ Nullable
☐ Store system default values using minimal space
Comment:
OK Cancel Apply Reset Help

Add Column

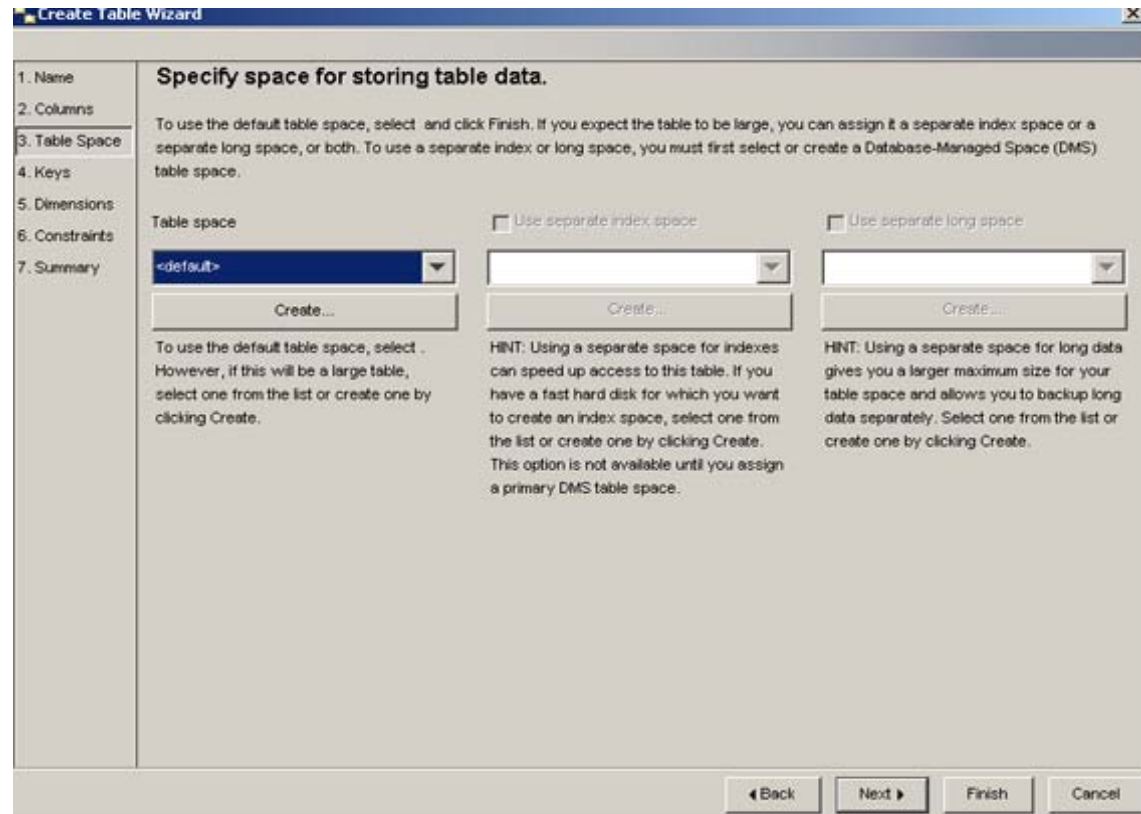
Column name: SERIAL
Data type: VARCHAR
Data type characteristics: Length: 10 ☐ Bit data
Value generation: ☒ None
☐ Default value:
☐ Formula:
☐ Nullable
☐ Store system default values using minimal space
Comment:
OK Cancel Apply Reset Help

Add Column

Column name:
Data type:
Data type characteristics: Length: ☐ Bit data
Value generation: ☒ None
☐ Default value:
☐ Formula:
☐ Nullable
☐ Store system default values using minimal space
Comment:
OK Cancel Apply Reset Help

Next Finish Cancel

Click Next ไปเรื่อยๆ จนกว่าจะ ถึงหน้าสุดท้าย



Create Table Wizard

1. Name
2. Columns
3. Table Space
4. Keys
5. Dimensions
6. Constraints
7. Summary

Specify space for storing table data.

To use the default table space, select and click Finish. If you expect the table to be large, you can assign it a separate index space or a separate long space, or both. To use a separate index or long space, you must first select or create a Database-Managed Space (DMS) table space.

Table space: <default> ☐ Use separate index space ☐ Use separate long space

Create... Create... Create...

To use the default table space, select . However, if this will be a large table, select one from the list or create one by clicking Create.

HINT: Using a separate space for indexes can speed up access to this table. If you have a fast hard disk for which you want to create an index space, select one from the list or create one by clicking Create. This option is not available until you assign a primary DMS table space.

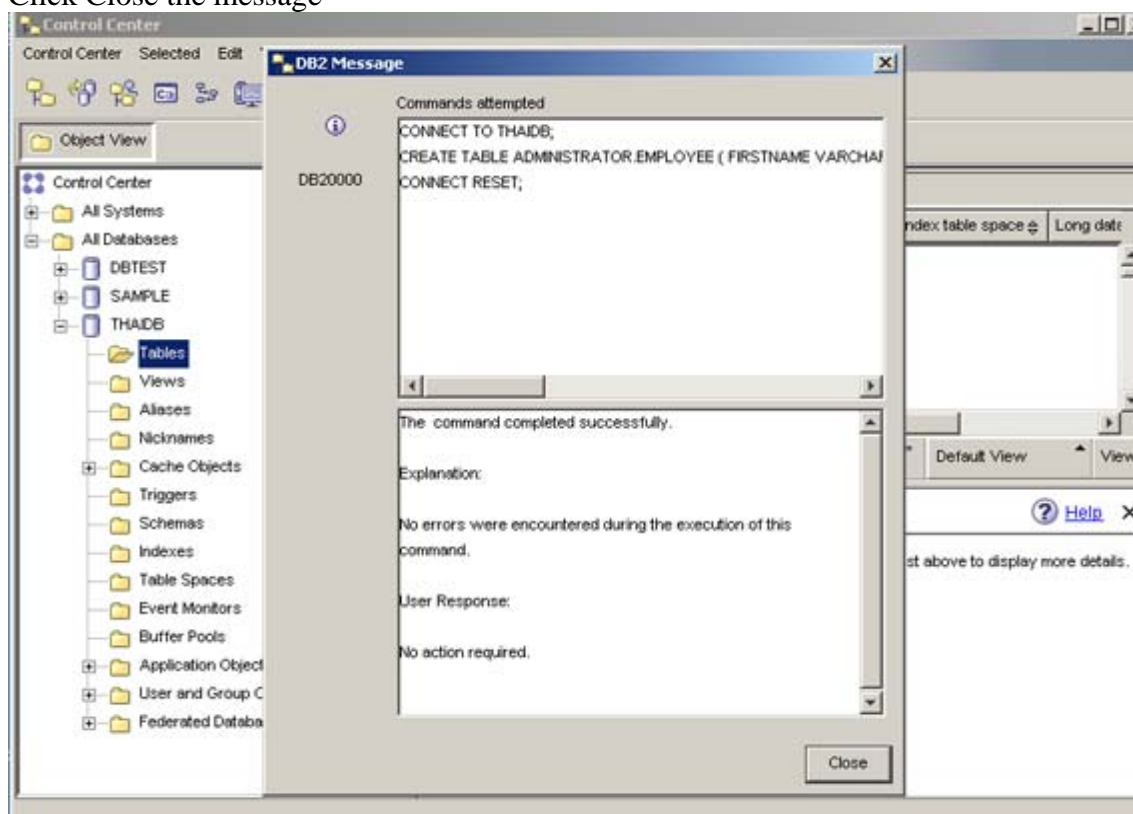
HINT: Using a separate space for long data gives you a larger maximum size for your table space and allows you to backup long data separately. Select one from the list or create one by clicking Create.

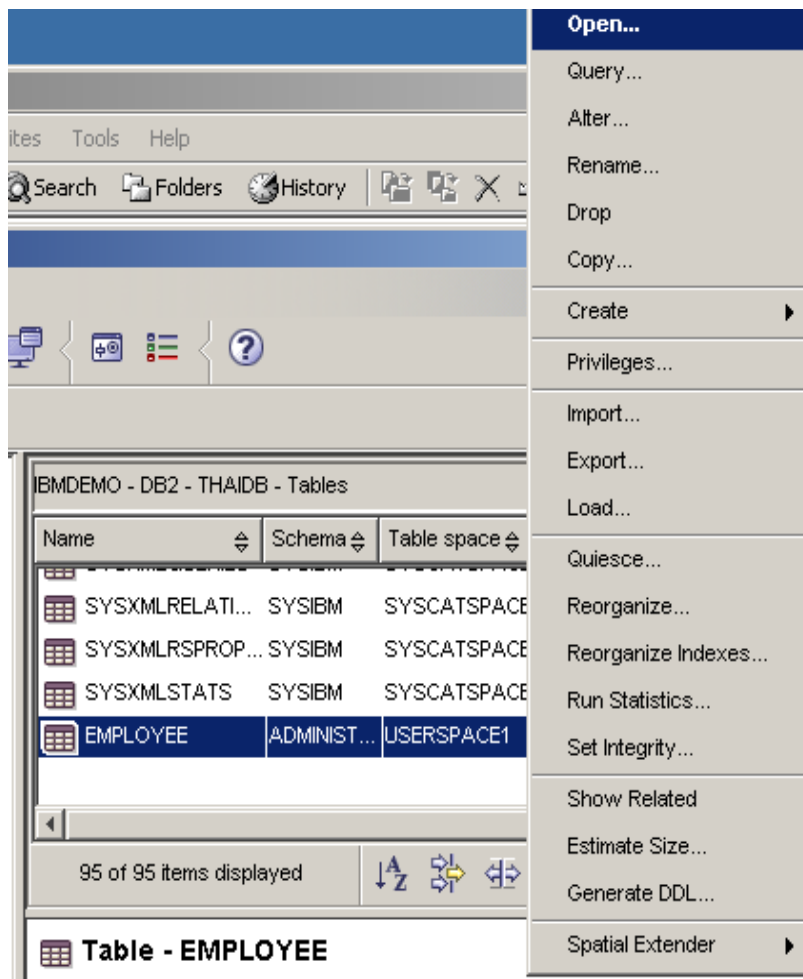
Back Next Finish Cancel

กด finish




Click Close the message





คุณสามารถเก็บข้อมูลเป็นภาษาไทยได้ แล้ว


Open Table - EMPLOYEE
✕

IBMDEMO - DB2 - THAIDB - ADMINISTRATOR.EMPLOYEE

FIRSTNAME	LASTNAME	SERIAL
เกรียงไกร	ทศสมยลาภไทย	1004
test ลาภไทย	สีกลอง	1005

Add Row
Delete Row

CommitRoll BackFilterFetch More Rows

☐ Automatically commit updates

2 row(s) in memory

CloseHelp