# Overview

To become familiar with the basic data access routines (delete, insert, select, and update), also to become familiar with the program data, and save methods.

# Resources

* [Synergy DBL Language Reference](https://www.synergex.com/docs/index.htm)
* [Synergy Best Practices - Coding Standards](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Tims%20Best%20Practices%20-%20Standards/Synergy%20Best%20Practices%20-%20Coding%20Standards.docx)
* [Traditional Synergy in Visual Studio - CU Wiki](http://echo.cu.net/cuwiki/Traditional_Synergy_in_Visual_Studio)
* [Traditional Synergy in Visual Studio Common Terminology - CU Wiki](http://echo.cu.net/cuwiki/Traditional_Synergy_in_Visual_Studio_Common_Terminology)
* [Installing Traditional Synergy in Visual Studio Templates - CU Wiki](http://echo.cu.net/cuwiki/Installing_Traditional_Synergy_in_Visual_Studio_Templates)
* [Creating a New DBR Project (TSVS) - CU Wiki](http://echo.cu.net/cuwiki/Creating_a_New_DBR_Project_(TSVS))
* [Debugging (TSVS) - CU Wiki](http://echo.cu.net/cuwiki/Debugging_(TSVS))
* [CU Toolkit Manual](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Reference%20-%20CUToolkit%20Reference%20Manual.doc)

# Exercise

1. Copy the following files from the [Data Access](http://jobfunc2.cu.net/Job%20Functions/Forms/AllItems.aspx?RootFolder=%2FJob%20Functions%2FProgrammer%2FProgrammer%20Handbook%2FSynergy%20Training%20%2D%20CU%20Toolkit%2FData%20Access&FolderCTID=0x012000FC5F7830AB3285468F1BB93F0E3B999A&View=%7B7508F81D%2DB9E4%2D493C%2DB51B%2D6EAE9F530F0D%7D) folder to your project:
   * [DemoMasDelete.dbl](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Training%20-%20CU%20Toolkit/Data%20Access/DemoMasDelete.dbl)
   * [DemoMasInsert.dbl](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Training%20-%20CU%20Toolkit/Data%20Access/DemoMasInsert.dbl)
   * [DemoMasSelect.dbl](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Training%20-%20CU%20Toolkit/Data%20Access/DemoMasSelect.dbl)
   * [DemoMasUpdate.dbl](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Training%20-%20CU%20Toolkit/Data%20Access/DemoMasUpdate.dbl)
   * [DemoMntData.dbl](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Training%20-%20CU%20Toolkit/Data%20Access/DemoMntData.dbl)
   * [DemoMntSave.dbl](http://jobfunc2.cu.net/Job%20Functions/Programmer/Programmer%20Handbook/Synergy%20Training%20-%20CU%20Toolkit/Data%20Access/DemoMntSave.dbl)
2. Modify your project to include these subroutines.
3. Review each of the files and learn from the generated code about basic data access.

# Discussion

At this point, you have a maintenance program will all required data access.