# Overview

To become familiar with basic key change method processing.

# 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. Using Visual Studio add a new source file “DemoMntG.dbl”.
2. In “DemoMntG.dbl” Create a key change method "**CMK\_DemoMnt**":
   * You will need to call **%CUE\_DATA** to determine if the code is already on file.
   * If **CUE\_DATA** returns with a status of **DA\_SUCCESS**, and you are in add mode, you will signal “**CU\_ENABLE**”, which will disable the key field, and enable the rest of the input fields.
   * If you are in change (or inquire) mode, and get back **DA\_SUCCESS**, you will signal “**CU\_DISPLAY**”, which will cause the record to be displayed. In all other cases, you will return an error.
3. Modify the script "DemoMnt.wsc" to register the change method with the **DemoCode** field.
   * Compile the script using: “**…Synergy\BuildSynergyWindowsLibrary.bat**”
4. Rebuild and run the solution.

# Discussion

At this point, you have a fully functional maintenance program.