## Preparation

1. Open workspace C:\SPC2010\_STEVE\04\_MDU\AdieuToMDU.vpw
2. Make sure the SMC is currently empty (Load Default SMC tool)
3. Make sure the SynergyServer project is active

## Demonstration

1. Explain the three projects
   1. SynergyServer Method Development
   2. SynergyServerTest Test program for methods
   3. SynergyComponent xfNetLink .NET component
2. SynergyServer project
   1. Source Files folder, look at sources, attributes and doc comments
   2. GetAllCustomers.dbl
      1. Subroutine returning a collection of all customers
      2. Uses SELECT class (more later)
      3. Notice xfMethod attribute used to specify MDU info
      4. Notice param attribute provides TYPE for untyped ARRAYLIST
      5. Notice doc comment for param uses name according to attribute
   3. GetCustomerForUpdate.dbl
      1. Function returning a specific record and it’s GRFA (more later)
      2. Notice return value uses an ENUM
      3. Because we’re using a structfield for P1 we don’t need to attribute for structure (probably would have been a group argument before structfields)
      4. GRFA passed through a binary handle
   4. LoadSynergyServerSmc.bat
      1. Uses DBL2XML to parse code and create SMC import XML file
         1. Notice all files for interface processed together
      2. Uses MDU –U to load XML into MDU
   5. Show custom project tool to execute LoadSynergyServerSmc.bat
   6. Run the MDU - EMPTY
   7. Build the project
   8. Load the SMC
   9. Run the MDU - POPULATED
3. SynergyComponent – very easy to create new .NET component when synergy source changes
   1. Component information – ready to go
   2. Generate C# classes
   3. Build assembly