



## **Building an SSL-enabled Web server with MatrixSSL**

MatrixSSL source is not included in the WebServer package. The MatrixSSL library must first be downloaded from <http://www.matrixssl.org>



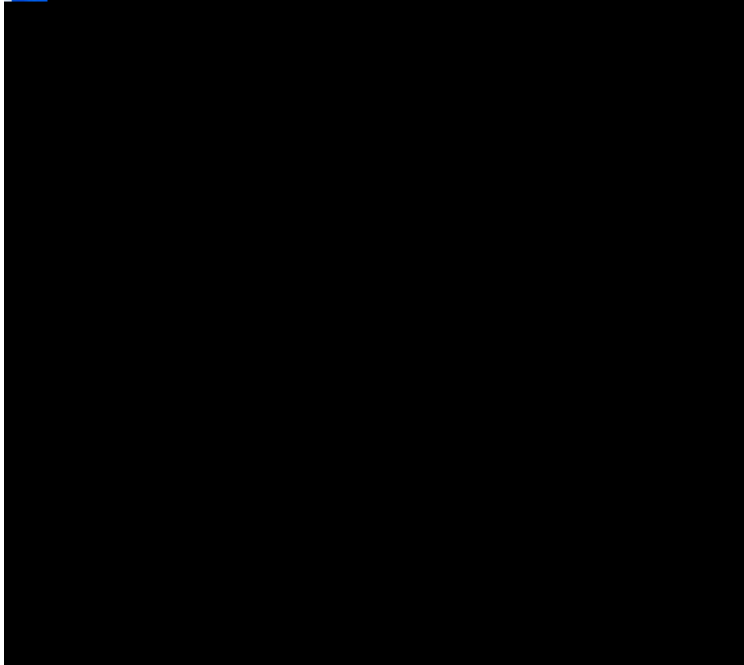


3. Navigate to the WIN directory of the WebServer package and open the SSL version of the Visual Studio solution,

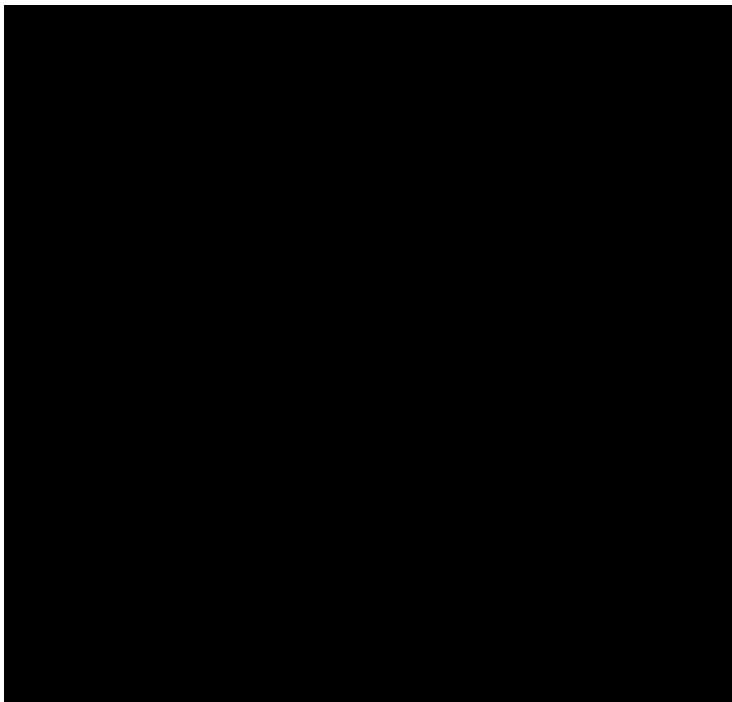
5.



6. Set the Project Dependencies so that webSSL depends on matrixssl by right-clicking the webSSL solution and selecting Project Dependencies.



Choose websSSL from the drop-down as the Project and then select the checkbox next to matrixssl to set the Build Order. Click OK

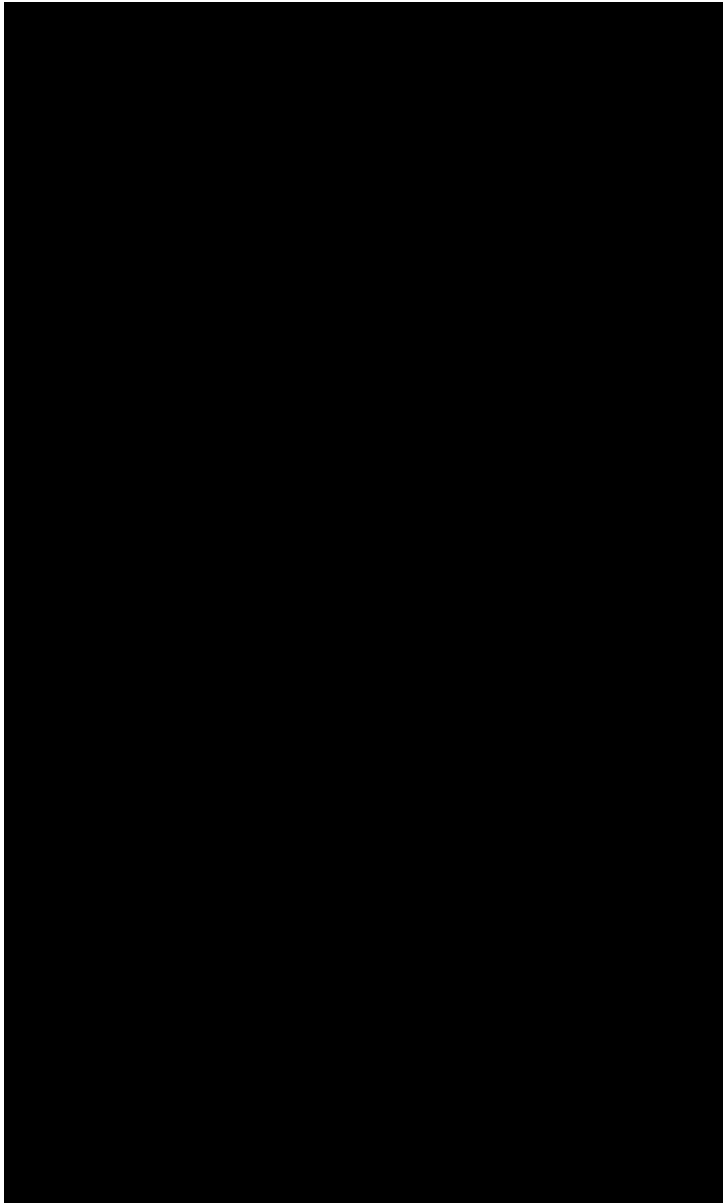


7.



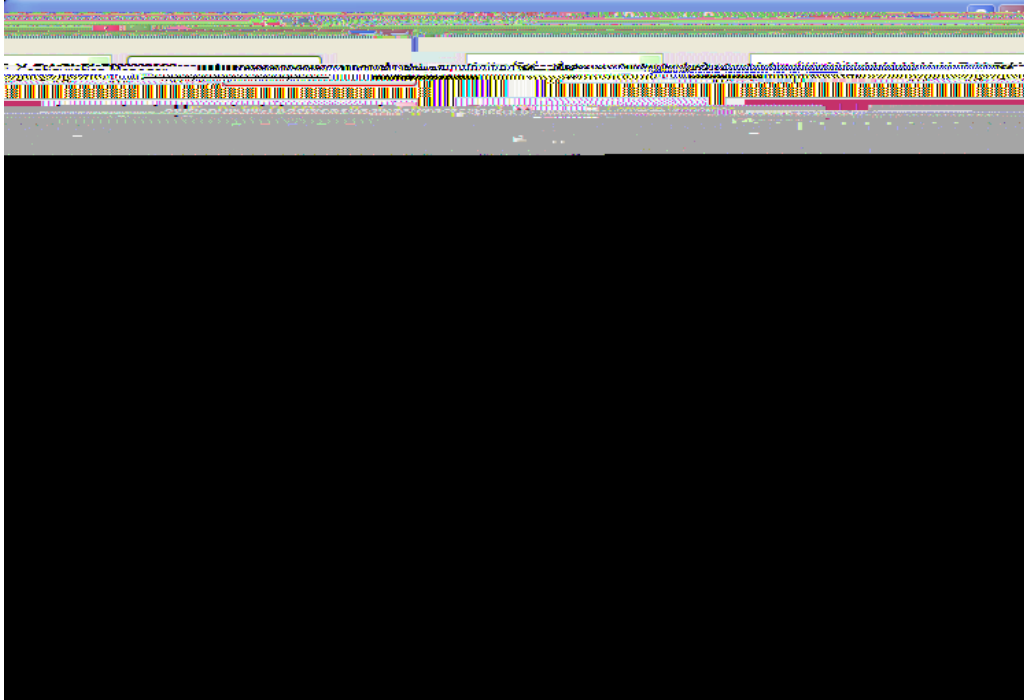


8. Modify the webSSL project to correctly include the matrixssl header files.
  - a. Open the webSSL project Properties by right-clicking the webSSL project and selecting Properties:

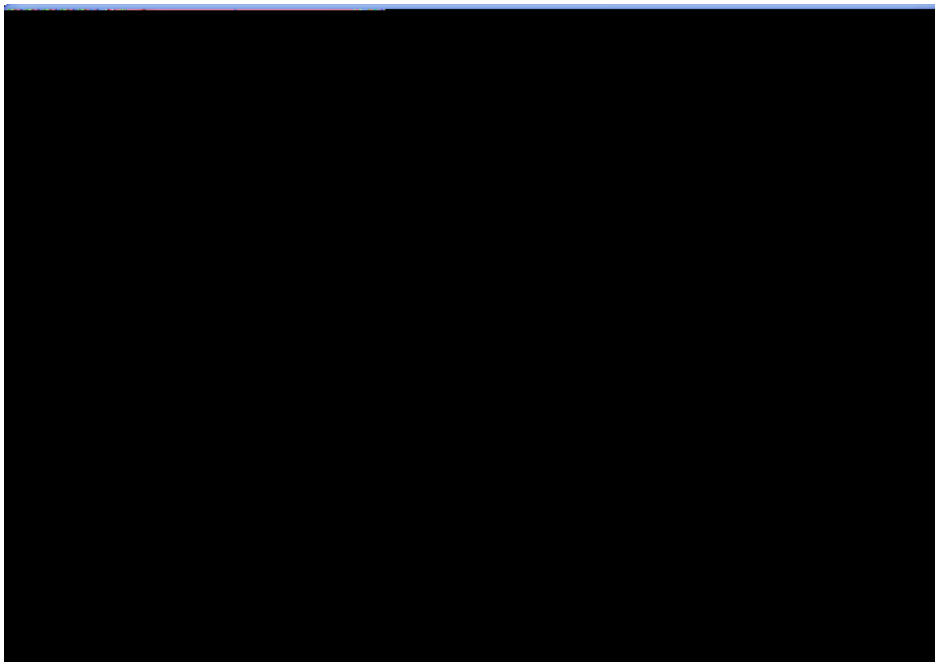




- b. In the websSSL Property Pages dialog, expand Configuration Properties, expand C/C++, select General, select Additional Include Directories, and then select Edit.



- c. In the Additional Include Directories dialog, click the New Folder icon, and then in the Select Directory dialog, select the matrixssl source directory. Apply the changes.



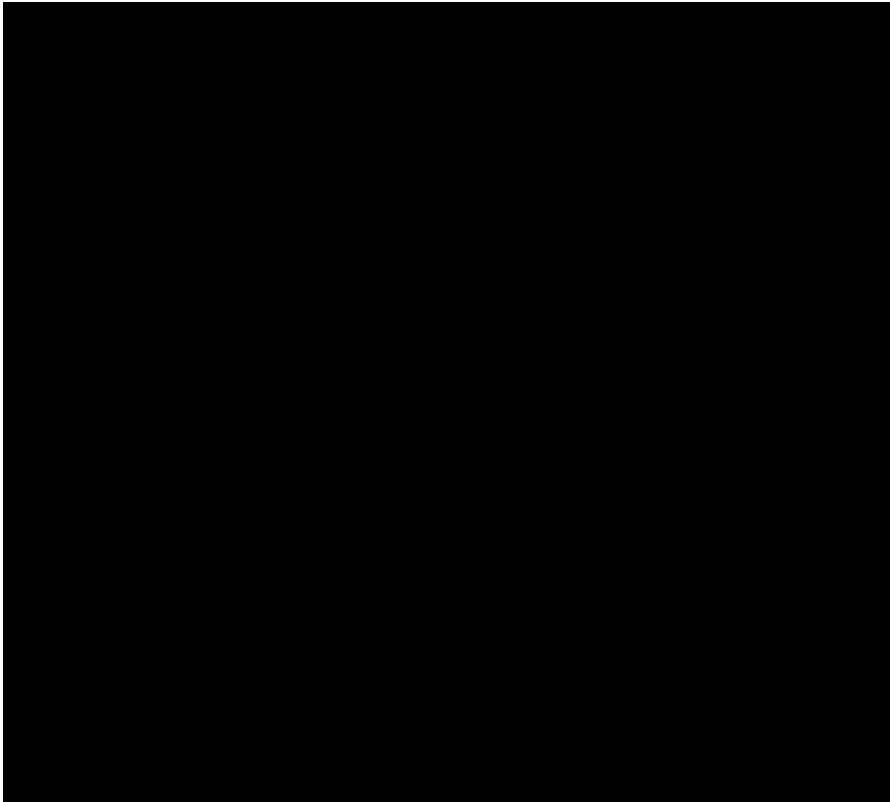








10. Build the Solution by right-clicking the `websSSL` Solution and selecting Build Solution from the drop-down list.



11. Confirm there were no build errors and that a `websSSL` executable has been generated.

12. In order to execute the websSSL server from inside the Visual Studio environment, the MatrixSSL DLL must be copied to the same directory as the executable. One automated way to do this is to





## Configuring the secure Web server