

Topaz Systems, Inc.  
SigPlusNET Assembly HTML setup

Topaz Systems, Inc.  
650 Cochran Street, Unit 6  
Simi Valley, CA, 93065  
©1995-2005, all rights reserved, US patent 6,307,955, and pending

[www.topazsystems.com](http://www.topazsystems.com)  
tech support: 805 520-8286  
support@topazsystems.com

## Setting up to utilize the SigPlusNET assembly over the web

SigPlusNET.dll can be used to capture signature over the internet. However, security can keep the DLL from getting downloaded. So, it is important to set up your environment to trust the DLL, or the URL from which the DLL will come. Since the SigPlusNET.dll assembly will be downloaded from the Internet, the framework does not trust it by default, and blocks the execution of the assembly.

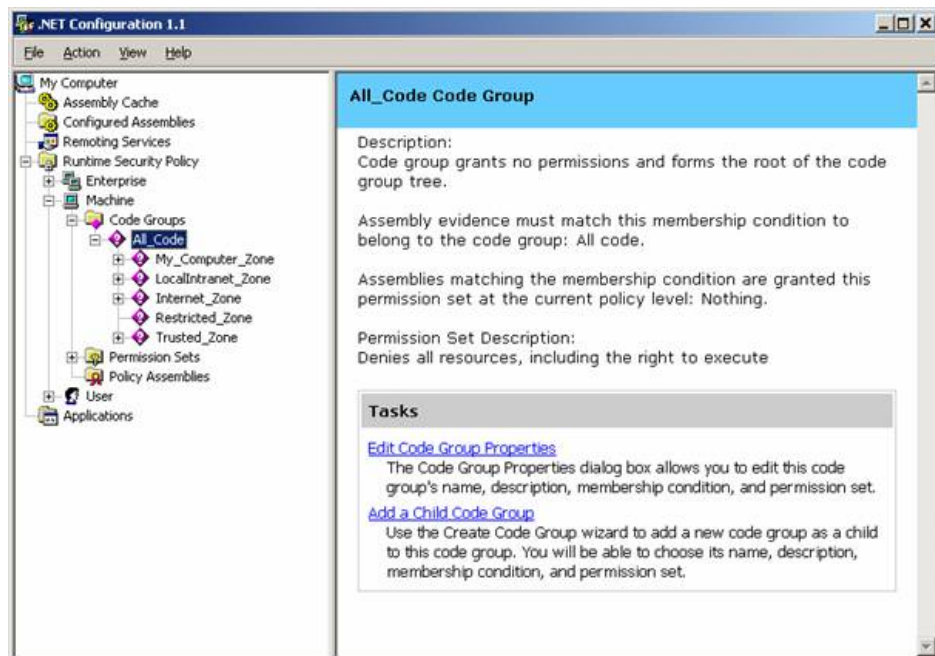
Getting the assembly to work can be achieved by assigning the right permissions to it so that the framework can execute it with the relevant permissions. The key to doing this is the .NET framework configuration tool, which can be executed by running the following command from the .NET command prompt.

Mscorcfg.msc

(The above can be found in the WIN\Microsoft.NET\Framework\<version> folder.)

In the case of having only the .NET 1.1 runtime installed, you can find this utility under Start...Settings...Control Panel -> Administrative Tools

Once there, double click the “Microsoft .NET Framework 1.1 Configuration” applet to bring up the tool used to setup the codegroups. From this menu expand ‘Runtime Security Policy’ then expand ‘Machine’ and then expand ‘CodeGroups’ (shown below)

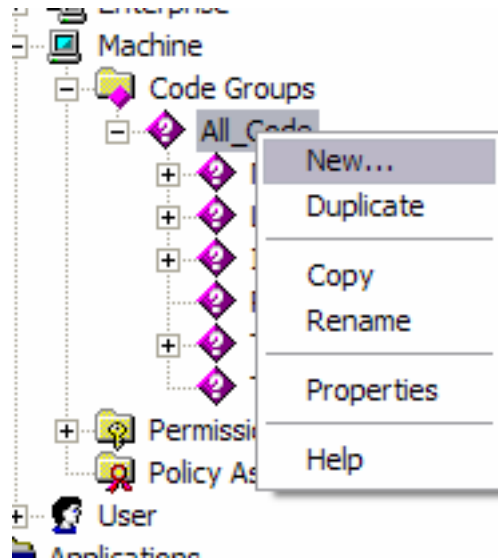


Topaz Systems, Inc.  
SigPlusNET Assembly HTML setup

Topaz Systems, Inc.  
650 Cochran Street, Unit 6  
Simi Valley, CA, 93065  
©1995-2005, all rights reserved, US patent 6,307,955, and pending

[www.topazsystems.com](http://www.topazsystems.com)  
tech support: 805 520-8286  
support@topazsystems.com

You can create a new code group by right clicking on 'All\_Code' and choosing New...



This will open the 'Create Code Group Window'. Enter the Name in the appropriate field, and if desired a description regarding the code group. Click 'Next'.

A screenshot of the 'Create Code Group' dialog box. The title bar reads 'Create Code Group'. The main text says 'Identify the new Code Group' and 'The new code group should have a name and description to help others understand its use.' There are two radio buttons: 'Create a new code group' (selected) and 'Import a code group from a XML File'. Under 'Create a new code group', there are fields for 'Name:' and 'Description:'. Under 'Import a code group from a XML File', there is a text box and a 'Browse...' button. At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.

Topaz Systems, Inc.  
SigPlusNET Assembly HTML setup

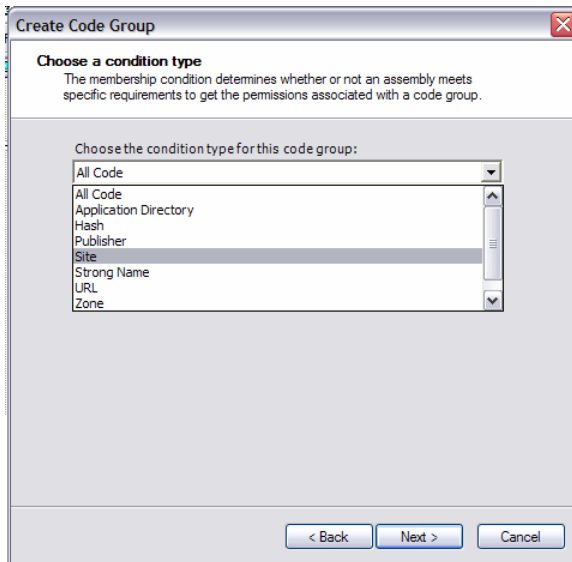
Topaz Systems, Inc.  
650 Cochran Street, Unit 6  
Simi Valley, CA, 93065  
©1995-2005, all rights reserved, US patent 6,307,955, and pending

[www.topazsystems.com](http://www.topazsystems.com)  
tech support: 805 520-8286  
support@topazsystems.com

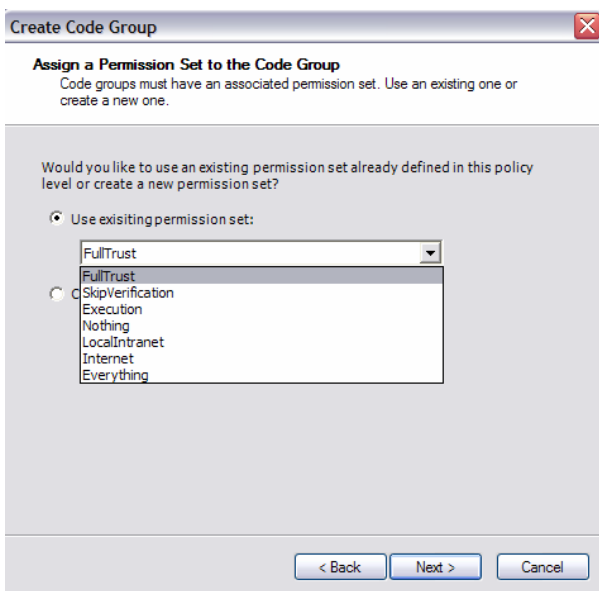
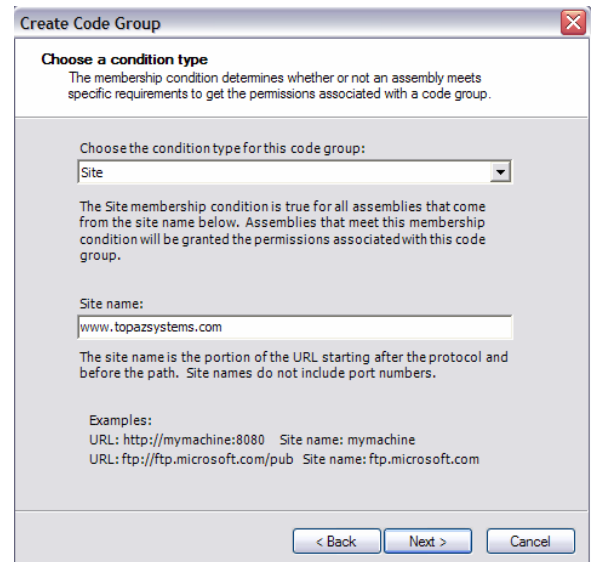
Now you must specify the condition type. There are 2 settings under which this will work:

1. Set the code group condition to "All Code"
2. Set the code group condition to "Site" and set the value to [www.topazsystems.com](http://www.topazsystems.com) (or, of course, the site in which you copy the SigPlusNET.dll to)

In this case, we can use the site option since we want to trust anything that comes from the site in question ([www.topazsystems.com](http://www.topazsystems.com)). If that is not the case, then we can choose URL or even Strong name to specify a definite location or an assembly. (See below)



THEN



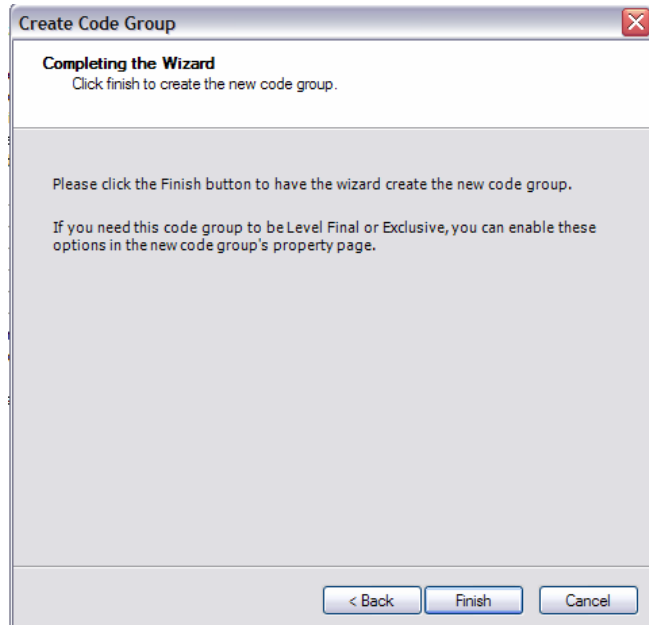
Once the code group is created, we assign a permission set to it, and in this case, since we trust this control, the permission set that we assign to it will be 'Full Trust'. Other code group conditions such as URL, Strong Name, Publisher, etc. will continue to show the problem. Click 'Next'.

Topaz Systems, Inc.  
SigPlusNET Assembly HTML setup

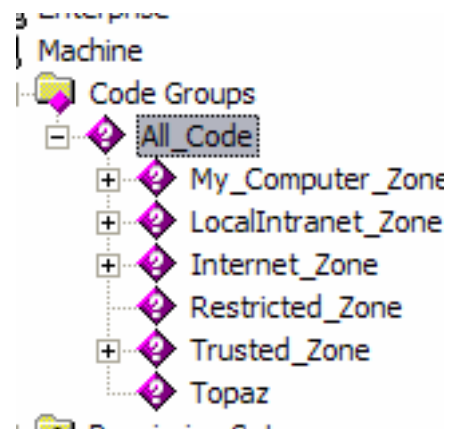
Topaz Systems, Inc.  
650 Cochran Street, Unit 6  
Simi Valley, CA, 93065  
©1995-2005, all rights reserved, US patent 6,307,955, and pending

[www.topazsystems.com](http://www.topazsystems.com)  
tech support: 805 520-8286  
support@topazsystems.com

This will open a confirmation window that asks the user to click the 'Finish' button to create the code group as per the specification entered through the earlier steps. Click 'Finish'



Once the 'Create Code Group' wizard is completed the code will be listed under the 'All\_Code' option as whatever the defined name was (in this case, Topaz). Once the code group has been created with the proper security settings the .NET HTML Demo can be accessed by clicking below:



<http://www.topazsystems.com/Software/sigplusnet.htm>

Users can access the .NET HTML Demo How-To by clicking below:

<http://www.topazsystems.com/Software/download/DotNETHTML.pdf>

For further .NET information, go to the Microsoft references articles:

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/cpguide/html/cpconintroductiontoaccesssecurity.asp>

[http://www.internet.com/icom\\_cgi/print/print.cgi?url=http://www.15seconds.com/issue/040121.htm](http://www.internet.com/icom_cgi/print/print.cgi?url=http://www.15seconds.com/issue/040121.htm)