

repost: problem compiling Managed Sink Wrapper for SMTP

Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange2000.development/2005-04/msg00065.htm>

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 - *Date:* Thu, 14 Apr 2005 15:11:11 -0700
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(I'm sorry to keep posting this question, but I only just figured out that I need to post using the web interface and logged in to my MSDN account if I want to be guaranteed a response by Microsoft.. My previous posting was through outlook)

Our team needs to receive SMTP mail from within a C# app, so we took the approach described in the MSDN article "Writing Managed Sinks for SMTP and Transport Events" at

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

After downloading the sample code and building the interop assembly as described in the article, we then went to build the C# code for the managed wrapper. Unfortunately this resulted in compiler errors due to some datatype mismatches in the calls from the wrapper class to the interop DLL.

For example, the one of the wrapper classes (MailMsgPropertyBagWrapper.cs, line 245) includes the following call:

```
hr = propBag.GetProperty(propId, 1, ref size, buffer);
```

where buffer is declared as an IntPtr. This line generates the following compiler error:

The best overloaded method match for

'Microsoft.Exchange.Transport.EventInterop.IMailMsgPropertyBag.GetProperty(uint, uint, out uint, out byte)' has some invalid arguments:

Argument '3': cannot convert from 'ref uint' to 'out uint'

Argument '4': cannot convert from 'System.IntPtr' to 'out byte'

There are about 20 similar errors generated when I compile the wrapper code.

Why is the wrapper using the wrong parameter types here? Is there something wrong with the interop dll, or the wrapper code? All we're trying to do is compile code downloaded from MSDN and we've followed the instructions step by

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step, so we dont understand why this isnt working.

Is there anywhere I can just download a compiled managed wrapper assembly and not have to deal with building it myself? Is there an easier way to recieve SMTP mail within a C# app?

Any help or advice would be appreciated.

Thanks,
Joel.

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◇ *From:* David A. Coursey

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