

Re: event/delegate question – newbie

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-10/msg04034.html>

- *From:* Adityanand Pasumarthi <AdityanandPasumarthi@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 24 Oct 2006 23:01:02 -0700
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Hi Dev,

I meant that .Net do not have direct communication classes for named pipe based IPC. Like for instance it has Socket classes.

I did not mean that IPC channel in .Net remoting do not support named pipes.

Hope this clarifies my point-1 in my original reply.

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Regards,
Aditya.P

"Dave Sexton" wrote:

Hi Adityanand,

There are several other ways to achieve this.

1. Using an IPC mechanism like named pipes. But unfortunately .Net do not have managed classes for named pipes.

IpcChannel is the .NET named pipes implementation. ChannelName corresponds to the name of the pipe.

Choosing a Channel on MSDN:

<http://msdn2.microsoft.com/en-us/library/4b3scst2.aspx>

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Dave Sexton

"Adityanand Pasumarthi" <AdityanandPasumarthi@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:51F850AD-7540-4260-99B1-05D27A368D7C@xxxxxxxxxxxxxxxxxxxxx

Hi,

Re: event/delegate question – newbie

Firstly delegates and events cannot be used for communication between two processes (.Net applications).

There are several other ways to achieve this.

1. Using an IPC mechanism like named pipes. But unfortunately .Net do not have managed classes for named pipes.

2. Using .Net Remoting. You can create a server object in the .Net application that should receive data and create the proxy object in the .Net application that should send data. The client and server can communicate across processes or machines using different channels (IPC, TCP, HTTP) and data formats (Binary and SOAP)

Resources:

A.

<http://www.microsoft.com/downloads/details.aspx?familyid=6fb7b637-d692-4e96-b11b-948f18583>

B. <http://weblogs.asp.net/israelio/archive/2005/01/04/346180.aspx>

C. <http://www.c-sharpcorner.com/Network/RemotingInNETM.asp>

3. You can use MSMQ through System.Messaging namespace. This can be simpler

to use but requires that MSMQ is installed on your Windows OS. MSMQ is an

Windows OS component but ensure that it is installed properly.

Resources:

A.

<http://msdn2.microsoft.com/en-us/library/system.messaging.messagequeue.aspx>

Hope this helps.

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Regards,

Aditya.P

"mdauria@xxxxxxxxxxxx" wrote:

I am familiar with using events and delegates in an application. I am working on a new project in work where I have two applications that are running on the same box and I need to send a little bit of data from one of them to the other. I was thinking about using events to do this.

I would actually just be passing little bits of data. I am unfamiliar with how (or even if I can do it) I would actually do this. Can anyone

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point me to an article or some sample code somewhere that
might give me
a start?