

## 02. WCF 서비스 호스팅

#WCF

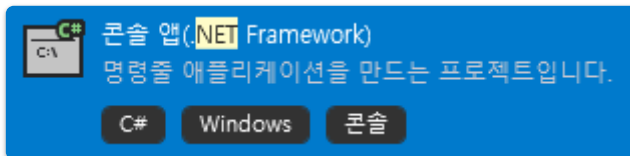
#Hosting

Quote >

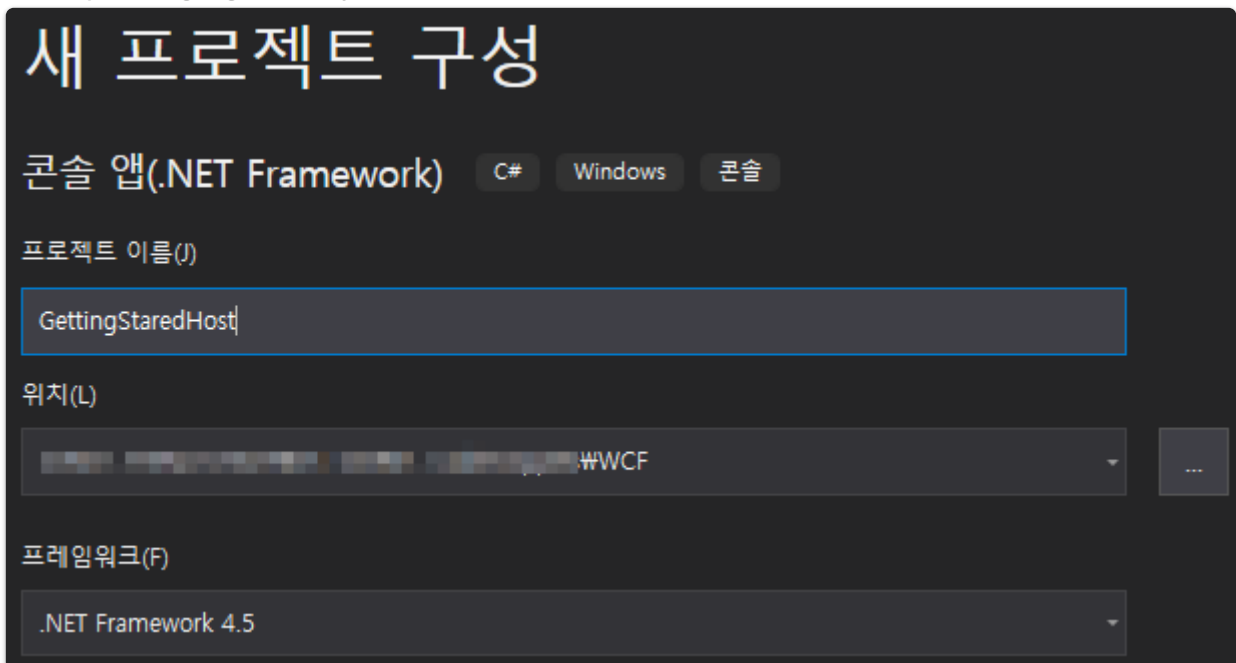
<https://learn.microsoft.com/ko-kr/dotnet/framework/wcf/how-to-host-and-run-a-basic-wcf-service>

### 02.01. Project 생성

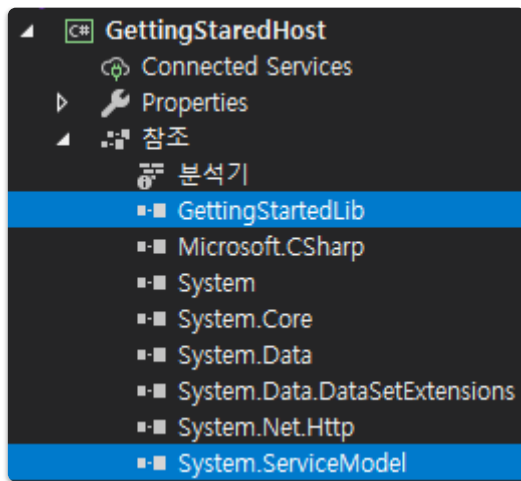
- .Net Framework → Console App



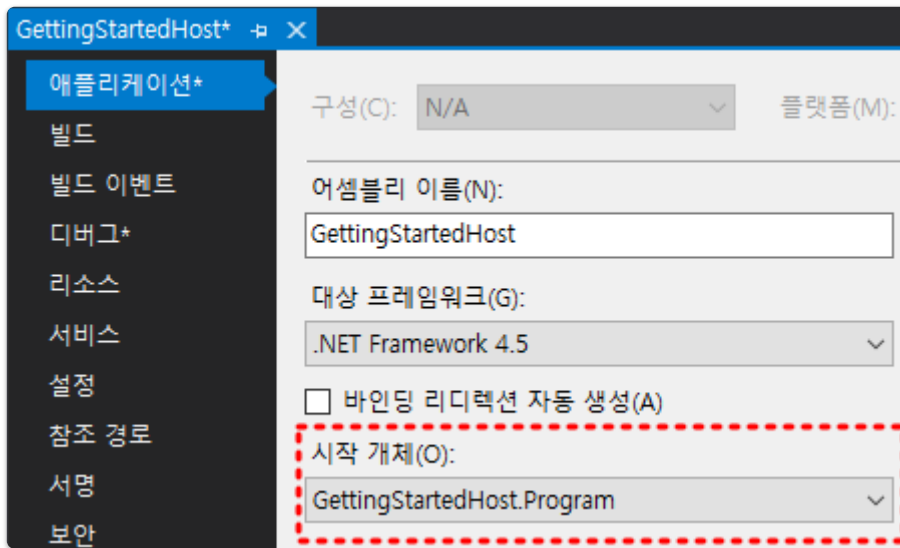
- 프로젝트 구성 정보 입력



- 참조 추가
  - 솔루션
    - 'GettingStaredLib'
  - 어셈블리
    - 'ServiceModel'



- 시작 개체 설정



## 02.02. 서비스를 호스팅 하는 코드 구현

- Service Library - App.Config 에 baseAddresses에 바인딩 된 주소 사용

```
class Program
{
    static void Main(string[] args)
    {
        // Step 1: Create a URI to serve as the base address.
        Uri baseAddress = new
Uri("http://localhost:8080/GettingStarted/CalculatorService");

        ServiceHost selfHost = new ServiceHost(typeof(CalculatorService), baseAddress);

        try
        {
            // Step 3: Add a service endpoint.
            selfHost.AddServiceEndpoint(typeof(ICalculator), new WSHttpBinding(),
"CalculatorService");

            // Step 4: Enable metadata exchange.

```

```
        ServiceMetadataBehavior smb = new ServiceMetadataBehavior();
        smb.HttpGetEnabled = true;
        selfHost.Description.Behaviors.Add(smb);

        // Step 5: Start the service.
        selfHost.Open();
        Console.WriteLine("The service is ready.");

        // Close the ServiceHost to stop the service.
        Console.WriteLine("Press <Enter> to terminate the service.");
        Console.WriteLine();
        Console.ReadLine();
        selfHost.Close();
    }
    catch (CommunicationException ce)
    {
        Console.WriteLine("An exception occurred: {0}", ce.Message);
        selfHost.Abort();
    }
}
}
```