

Creating a Temporary Data Provider to Return Blog Article Info

- Creating a fake article data provider
- Hooking up the data provider to the Article Manager
- Running the project

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5
6 namespace MyBlog.src {
7     /// <summary>
8     /// Provides fake, hard-coded data for use with the blog.
9     /// </summary>
10    public class FakeArticleDataProvider    {
11    }
12
13 }
```

Search Solution Explorer (Ctrl+.)

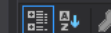
Solution 'MyBlog' (1 project)

- MyBlog
 - Connected Services
 - Properties
 - References
 - scripts
 - app.ts
 - ArticleManager.ts
 - documentHelper.ts
 - IArticleInfo.ts

- src
 - ArticleInfo.cs
 - ArticleManager.cs
 - FakeArticleDataProvider.cs
 - IArticleDataProvider.cs
 - Default.aspx
 - GetNextArticle.aspx
 - main.css
 - packages.config
 - Web.config

Solution Explorer Team Explorer

Properties



```

namespace MyBlog.src {
    /// <summary>
    /// Provides fake, hard-coded data for use with the blog.
    /// </summary>
    public class FakeArticleDataProvider : IArticleDataProvider {

        private List<ArticleInfo> _articles = new List<ArticleInfo>();

        public ArticleInfo GetArticleById(int id) {
            //Note: In a DB, we would want to check for the highest article id *under* this id.
            int actualId = (id - 1) % _articles.Count();
            return _articles[actualId];
        }
        public ArticleInfo GetLatestArticle() {
            return _articles.Last();
        }
        public void Initialize() {
            //Generate some random articles here.
            for(int i =0; i <100; ++i) {
                string title = $"Article #{i} Title";

                string content = "<img src=\"https://platekitten.com/400/300\"/>" +
                    "<ul>" +
                    "<li>Some point about something</li>" +
                    "<li><a href='http://packpub.com' target='_blank'>Packt</a></li>" +
                    "</ul>";
                _articles.Add(new ArticleInfo(i, title, content));
            }
        }
    }
}

```

ArticleManager.cs(//TODO

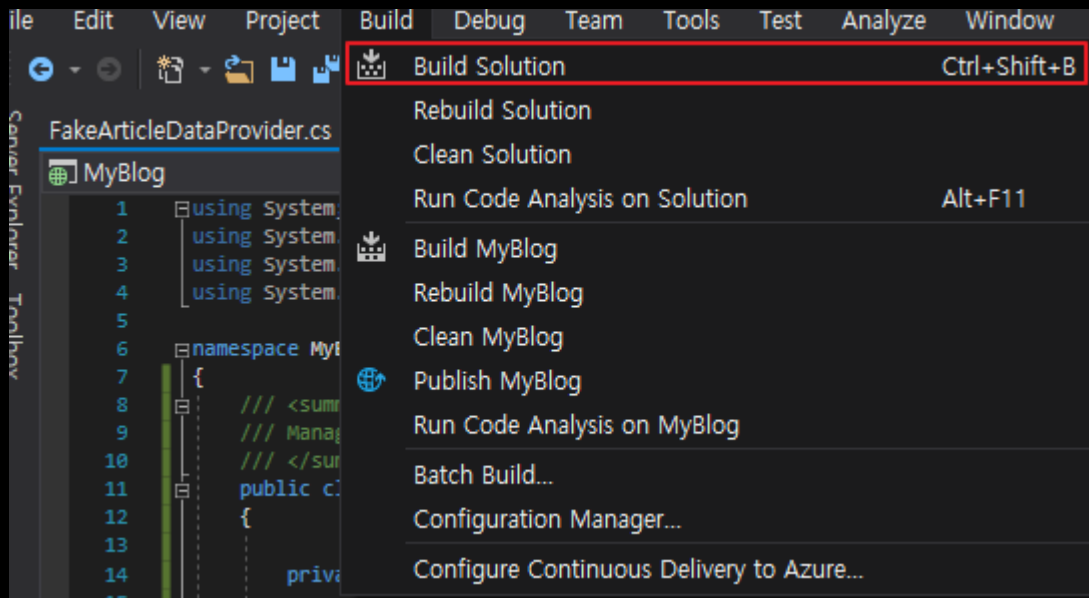
```
namespace MyBlog.src
{
    /// <summary>
    /// Manages articles in the system
    /// </summary>
    public class ArticleManager
    {
        private static IArticleDataProvider _provider;

        public static void Initialize()
        {
            //TODO: Hook up the data provider.
            _provider = new FakeArticleDataProvider();

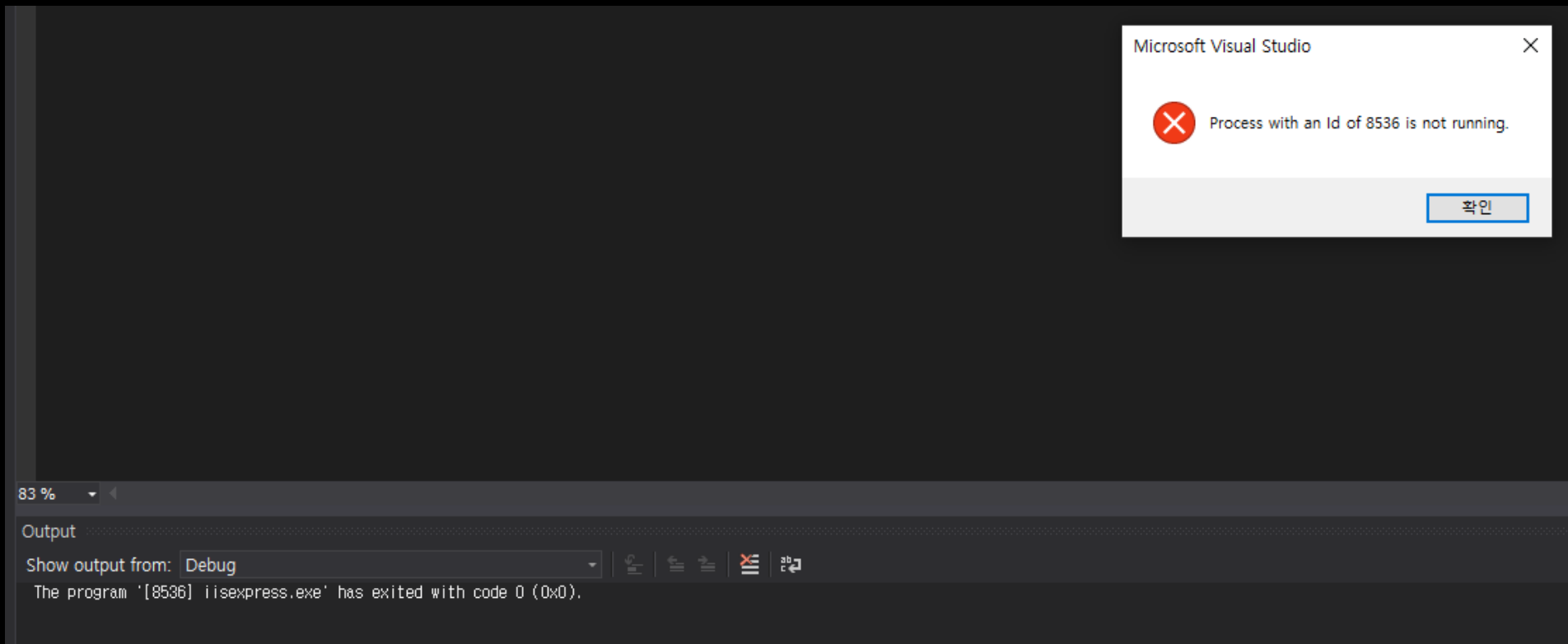
            //Initialize the data provider.
            _provider.Initialize();
        }

        /// <summary>
        /// Gets the article with the provided identifier. If is is not found, the one with the next highest identifier is returned
        /// </summary>
        /// <param name="id">The article identifier.</param>
        /// <returns></returns>
        public static ArticleInfo GetArticleById(int id)
        {
            return _provider.GetArticleById(id);
        }

        /// <summary>
        /// Gets the latest article in the system.
        /// </summary>
        /// <returns></returns>
        public static ArticleInfo GetLatestArticle()
        {
            return _provider.GetLatestArticle();
        }
    }
}
```



1) check your solution folder for a hidden **".vs" folder with a "config" sub-folder**. If that folder exists and it has its own **applicationhost.config** file you need to either rename (or delete) that file or edit it and make sure the website(s) configured inside match the ASP.NET web app(s) in your solution that you are trying to debug. Hope this helps.



MyBlog

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← → ↺

localhost:60421/Default.aspx

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동기화하지 않음

...

Taesik_Blog

Article #99 Title



- Some point about something
- **Packt**

Diagnostic Tools

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Diagnostics session: 1:03 minutes

50s 1:00min

Events

Process Memory (MB)

119

CPU (% of all processors)

100

Summary Events Memory Usage CPU Usage

Events

Show Events (0 of 0)

Memory Usage

Take Snapshot

CPU Usage

Record CPU Profile

Lang

Taesik_Blog

Article #99 Title

- Some point about something
- **Packt**

Article #98 Title

- Some point about something
- **Packt**

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Elements Console Sources Network Performance >>

top ▾ Filter Default levels ▾ 1 Issue: 1

Failed to load resource: the server responded with a status of 404 (Not Found) favicon.ico:1

Failed to load resource: net::ERR_NAME_NOT_RESOLVED 300:1

> articleManager.loadNextArticle();

< undefined

▶ GET https://platekitten.com/400/300 net::ERR_NAME_NOT_RESOLVED 300:1

>

