

Http Requests

C# Programming

February 14

WebBrowser

- If you need to incorporate web browsing capability into a WinForms app, it is incredibly easy
- The `WebBrowser` control offers a simple interface for navigation
- And the rendering is done by IE's engines

WebBrowser

The basic common functions and properties are:

- `void Navigate(string url);`
- `void Refresh();`
- `void Stop();`
- `bool CanGoBack;`
- `bool CanGoForward;`
- `void GoBack();`
- `void GoForward();`

WebBrowser

[demo]

Directly sending http requests

- If you need to make http requests, without rendering the data...

```
...
using System.Net;
using System.IO;
using System.Text;
...
string getHTML(string url) {
    HttpWebRequest request =
        (HttpWebRequest)WebRequest.Create(url);
    HttpWebResponse response =
        (HttpWebResponse)request.GetResponse();
    Stream stream = response.GetResponseStream();
    StreamReader readStream =
        new StreamReader(stream, Encoding.UTF8);
    return readStream.ReadToEnd();
}
```

Directly sending http requests

[demo]