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

The basic common functions and properties are:
- void Navigate(string url);
- void Refresh();
- void Stop();
- bool CanGoBack;
- bool CanGoForward;
- void GoBack();
- void GoForward();

Directly sending http requests

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

```csharp
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]