

File Path Collection

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.IO;
using System.Collections.ObjectModel;

public class FilePathCollection : Collection
{
    public FilePathCollection Combine(string prefix)
    {
        FilePathCollection res = new FilePathCollection();

        foreach (string s in this)
            res.Add(Path.Combine(prefix, s));

        return res;
    }

    public long GetTotalFileSize()
    {
        long res = 0;

        for(int i = 0; i < this.Count; i++) { string current =
            this[i]; if (System.IO.File.Exists(current)) { FileInfo fi =
            new FileInfo(current); res += fi.Length; } else {
            this.RemoveAt(i); i--; } } return res; } } [/csharp]
```