System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Diagnostics;

using System.Linq;

using System.ServiceProcess;

using System.Text;

using System.IO;

namespace Watcher

{

public partial class Watcher : ServiceBase

{

public Watcher()

{

InitializeComponent();

FolderWatcher.Created += FolderWatcher\_Created;

FolderWatcher.Deleted += FolderWatcher\_Deleted;

FolderWatcher.Renamed += FolderWatcher\_Renamed;

}

protected override void OnStart(string[] args)

{

// Start the child process.

Process p = new Process();

// Redirect the output stream of the child process.

p.StartInfo.UseShellExecute = false;

p.StartInfo.RedirectStandardOutput = true;

p.StartInfo.FileName = "C:\\myFile.bat";

p.Start();

// Do not wait for the child process to exit before

// reading to the end of its redirected stream.

// p.WaitForExit();

// Read the output stream first and then wait.

string output = p.StandardOutput.ReadToEnd();

p.WaitForExit();

}

protected override void OnStop()

{

}

private void FolderWatcher\_Created(object sender, System.IO.FileSystemEventArgs e)

{

TextWriter writer = new StreamWriter("C:\\folder\\FolderLog.txt", true);

writer.WriteLine(DateTime.Now + " A new folder/file with name " + e.Name + " has been created. ");

writer.Close();

}

private void FolderWatcher\_Deleted(object sender, System.IO.FileSystemEventArgs e)

{

TextWriter writer = new StreamWriter("C:\\folder\\FolderLog.txt", true);

writer.WriteLine(DateTime.Now + " A new folder/file with name " + e.Name + " has been deleted. ");

writer.Close();

}

private void FolderWatcher\_Renamed(object sender, System.IO.RenamedEventArgs e)

{

TextWriter writer = new StreamWriter("C:\\folder\\log.txt", true);

writer.WriteLine(DateTime.Now + " A new folder/file with name " + e.Name + " has been renamed. ");

writer.Close();

}

}

}