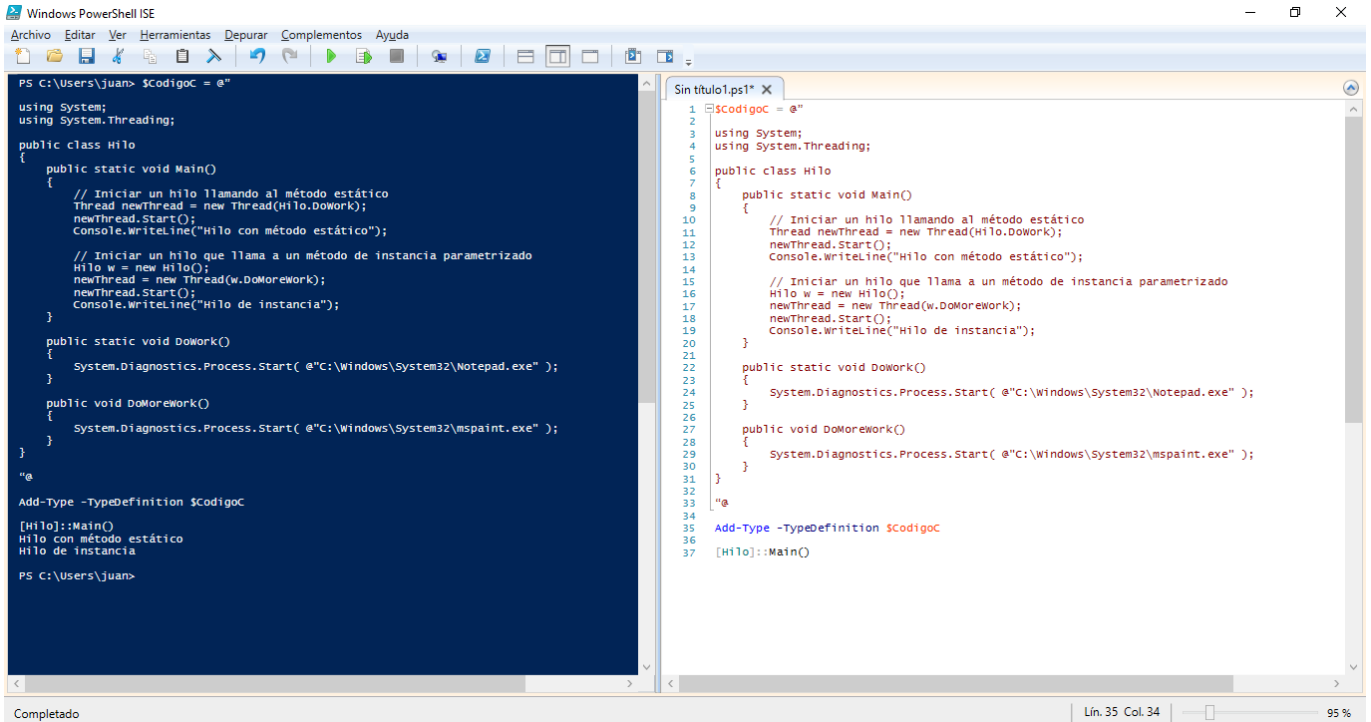


Tutorial C# con PowerShell: crear un hilo

[crayon-6a9d574e87c0c974991692/]



The image shows a screenshot of the Windows PowerShell ISE (Integrated Scripting Environment) with two panes. The left pane displays a C# class named `Hilo` with a `Main` method that starts two threads: one using a static method `DoWork` and another using an instance method `DoMoreWork`. The right pane shows the same code with line numbers and syntax highlighting. The PowerShell prompt at the bottom of the left pane shows the command `Add-Type -TypeDefinition $CodigoC` being executed, followed by the output `[Hilo]::Main()` and the two threads starting.

```
PS C:\Users\Juan> $CodigoC = @"
using System;
using System.Threading;

public class Hilo
{
    public static void Main()
    {
        // Iniciar un hilo llamando al método estático
        Thread newThread = new Thread(Hilo.DoWork);
        newThread.Start();
        Console.WriteLine("Hilo con método estático");

        // Iniciar un hilo que llama a un método de instancia parametrizado
        Hilo w = new Hilo();
        newThread = new Thread(w.DoMoreWork);
        newThread.Start();
        Console.WriteLine("Hilo de instancia");
    }

    public static void DoWork()
    {
        System.Diagnostics.Process.Start( @"C:\Windows\System32\notepad.exe" );
    }

    public void DoMoreWork()
    {
        System.Diagnostics.Process.Start( @"C:\Windows\System32\mspaint.exe" );
    }
}
"@

Add-Type -TypeDefinition $CodigoC

[Hilo]::Main()
Hilo con método estático
Hilo de instancia

PS C:\Users\Juan>
```

```
1 $CodigoC = @"
2
3 using System;
4 using System.Threading;
5
6 public class Hilo
7 {
8     public static void Main()
9     {
10         // Iniciar un hilo llamando al método estático
11         Thread newThread = new Thread(Hilo.DoWork);
12         newThread.Start();
13         Console.WriteLine("Hilo con método estático");
14
15         // Iniciar un hilo que llama a un método de instancia parametrizado
16         Hilo w = new Hilo();
17         newThread = new Thread(w.DoMoreWork);
18         newThread.Start();
19         Console.WriteLine("Hilo de instancia");
20     }
21
22     public static void DoWork()
23     {
24         System.Diagnostics.Process.Start( @"C:\Windows\System32\notepad.exe" );
25     }
26
27     public void DoMoreWork()
28     {
29         System.Diagnostics.Process.Start( @"C:\Windows\System32\mspaint.exe" );
30     }
31 }
32
33 @"
34
35 Add-Type -TypeDefinition $CodigoC
36
37 [Hilo]::Main()
```

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