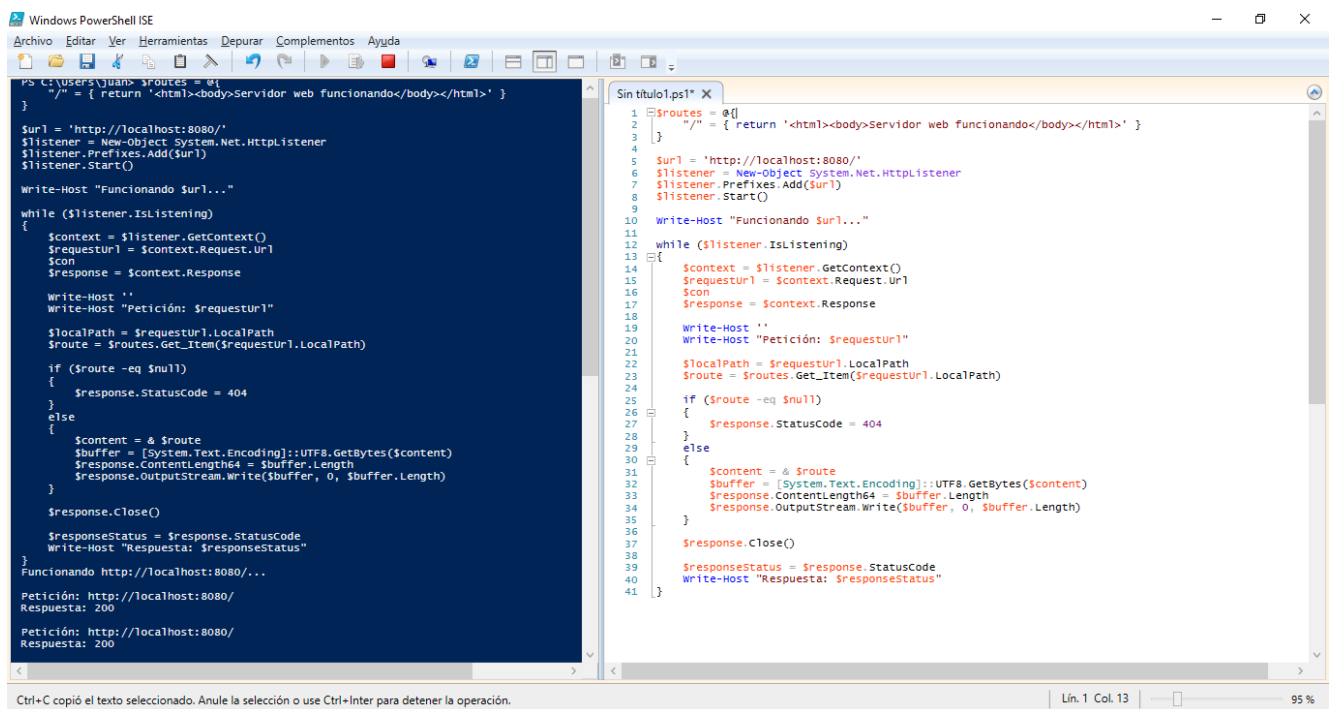


Crear un servidor web desde PowerShell

Servidor web

[crayon-6a9d5ff4c80da012732199/]



The screenshot shows the Windows PowerShell ISE interface with two scripts. The left pane contains a script named 'Sin título.ps1' that defines a web server. The right pane contains a script named 'Sin título.ps1*' that also defines a web server. Both scripts use the same logic to handle HTTP requests.

```
PS C:\Users\Juan> $routes = @{}
"/" = { return '<html><body>Servidor web funcionando</body></html>' }
}

$url = 'http://localhost:8080/'
$listener = New-Object System.Net.HttpListener
$listener.Prefixes.Add($url)
$listener.Start()

Write-Host "Funcionando $url..."

while ($listener.IsListening)
{
    $context = $listener.GetContext()
    $requestUrl = $context.Request.Url
    $con = $context.Response
    $response = $context.Response

    Write-Host ''
    Write-Host "Petición: $requestUrl"

    $localPath = $requestUrl.LocalPath
    $route = $routes.Get_Item($requestUrl.LocalPath)

    if ($route -eq $null)
    {
        $response.StatusCode = 404
    }
    else
    {
        $content = & $route
        $buffer = [System.Text.Encoding]::UTF8.GetBytes($content)
        $response.ContentLength64 = $buffer.Length
        $response.OutputStream.Write($buffer, 0, $buffer.Length)
    }

    $response.Close()

    $responseStatus = $response.StatusCode
    Write-Host "Respuesta: $responseStatus"
}

Funcionando http://localhost:8080/...

Petición: http://localhost:8080/
Respuesta: 200

Petición: http://localhost:8080/
Respuesta: 200
```

```
1 $routes = @{}
2 "/" = { return '<html><body>Servidor web funcionando</body></html>' }
3 }
4
5 $url = 'http://localhost:8080/'
6 $listener = New-Object System.Net.HttpListener
7 $listener.Prefixes.Add($url)
8 $listener.Start()
9
10 Write-Host "Funcionando $url..."
11
12 while ($listener.IsListening)
13 {
14     $context = $listener.GetContext()
15     $requestUrl = $context.Request.Url
16     $con = $context.Response
17     $response = $context.Response
18
19     Write-Host ''
20     Write-Host "Petición: $requestUrl"
21
22     $localPath = $requestUrl.LocalPath
23     $route = $routes.Get_Item($requestUrl.LocalPath)
24
25     if ($route -eq $null)
26     {
27         $response.StatusCode = 404
28     }
29     else
30     {
31         $content = & $route
32         $buffer = [System.Text.Encoding]::UTF8.GetBytes($content)
33         $response.ContentLength64 = $buffer.Length
34         $response.OutputStream.Write($buffer, 0, $buffer.Length)
35     }
36     $response.Close()
37
38     $responseStatus = $response.StatusCode
39     Write-Host "Respuesta: $responseStatus"
40 }
41 }
```

Petición desde Chrome



Servidor web