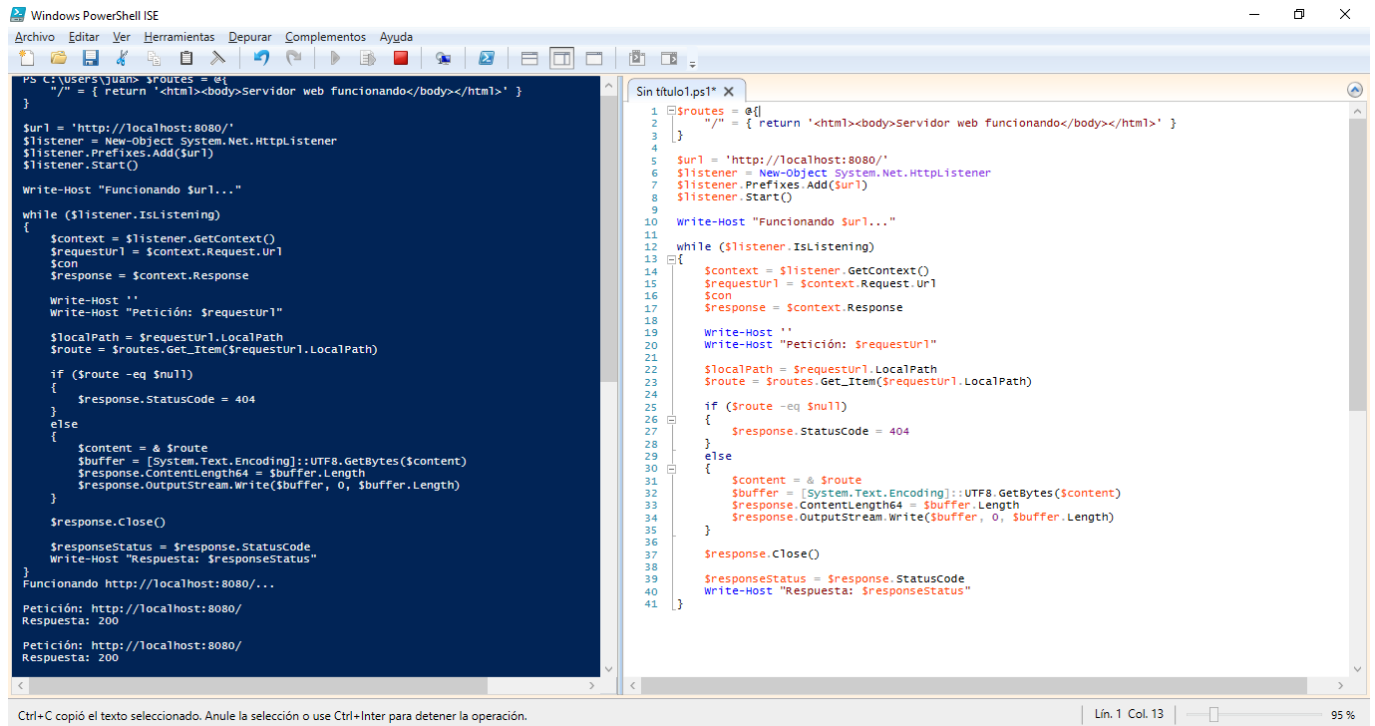


Crear un servidor web con PowerShell

Servidor web

[crayon-6a9d5fe1241a5920918707/]



The screenshot shows the Windows PowerShell ISE interface with two tabs. The left tab, titled 'Sin título1.ps1', contains a PowerShell script for a web server. The script defines a route for the root path ('/') that returns an HTML response. It uses the `System.Net.HttpListener` class to listen on `http://localhost:8080/`. The script includes logic to handle requests, retrieve the response body, and write it to the output stream. The right tab, titled 'Sin título1.ps1 X', shows a similar script but with some differences in formatting and comments. The status bar at the bottom indicates 'Ctrl+C copió el texto seleccionado. Anule la selección o use Ctrl+Inter para detener la operación.' and 'Lín. 1 Col. 13'.

```
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

    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
```

Petición desde PowerShell

[crayon-6a9d5fe1241ab405744359/]



Fuente original:

<https://gist.github.com/wagnerandrade/5424431>