It’s known that Powershell is of great help in managing Sharepoint servers.

We also know that Powershell may not solve exactly what we want it to solve.

## Scenario

Let’s see a scenario in which Powershell needs a little help:

1. We’re providing Sharepoint Server infrastructure support.
2. The generated logs are huge. So huge that there’s no tool that can handle it.

### Note

SQL Server allows us to import a log of this size, but we’ll have restricted access given that the data from to the company is sensitive.

I must access remotely with someone else’s account, every file must be re-imported, for any reason I could lose the connection and then a call by Skype, WhatsApp, phone, etc. is needed.

"Hello, I lost connection again…" ☹

*Uncomfortable and unprofessional.*

My solution proposal: building a tool using C# and parallel processing and then run it in Powershell.

This tool will filter the file – creating manageable parts - according to our criteria.

This is done in two ways:

1. Dividing the Log directly, generating a file for every column value (categories, for example)
2. Generating a file filtering by terms found in a column.

From the example script:

[SPLogFilter.TextSearch]::Find($fileName, 'Table RequestUsage\_Partition27 has 2066800640 bytes', $logFileLines, $colMsg);# You get a "FindMessage" folder for all searches you do and a file using terms in your search

[SPLogFilter.Splitter]::Split($fileName, $logFileLines, [SPLogFilter.LogTools+LogColumn]::$colLev); # You get a "ByLevel" folder with any level into the log file