

# Snippets

## While a file exists or not

```
# while a file exists
While (Test-Path C:\Temp\File_I_Want_Gone.txt -ErrorAction SilentlyContinue) {
    # Do something here while the file exists
}
```

```
# while a file doesn't exists
While (!(Test-Path C:\Temp\File_I_Want_Gone.txt -ErrorAction SilentlyContinue)) {
    # Do something here while the file doesn't exists
}
```

```
# while a file exists
While (Test-Path C:\Temp\File_I_Want_Gone.txt -ErrorAction SilentlyContinue) {
    # try to delete the file, continue silently if we can't
    Remove-Item "C:\Temp\File_I_Want_Gone.txt" -ErrorAction SilentlyContinue
    # print date each time just to give some sort of feedback on the console
    Get-Date
}
```

## Testing Microsoft SQL database connectivity

```
function Test-SQLConnection
{
    [OutputType([bool])]
    Param
    (
        [Parameter(Mandatory=$true,
            ValueFromPipelineByPropertyName=$true,
```

```
        Position=0)]  
    $ConnectionString  
)  
try  
{  
    $sqlConnection = New-Object System.Data.SqlClient.SqlConnection $ConnectionString;  
    $sqlConnection.Open();  
    $sqlConnection.Close();  
  
    return $true;  
}  
catch  
{  
    return $false;  
}  
}
```

```
Test-SQLConnection "Data Source=localhost;database=someDatabase;User  
ID=bogusTestUser;Password=bogusTestPassword;"
```

[[Source](#)]

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