Exploring Get-ItemPropertyValue in Windows Environment

Get-ItemPropertyValue is a powerful command in the Windows environment that allows users to retrieve specific property values of an item. This command is particularly useful for system administrators, developers, and power users who need to access and manipulate various properties of files, folders, and registry keys.

In the Windows environment, Get-ItemPropertyValue can be used with both the Command Prompt (CMD) and PowerShell. It provides a flexible way to obtain information about items and automate tasks through scripts and commands.

Examples:

1. Retrieving File Properties in CMD: To retrieve the size of a file using CMD, you can use the following command:

```
FOR %A IN (file.txt) DO @ECHO %~zA
```

   This command uses the **%~zA** syntax to get the size property of the file.

2. Retrieving File Properties in PowerShell: To retrieve the size of a file using PowerShell, you can use the following command:

```
(Get-Item file.txt).Length
```

   This command uses the **Length** property of the file item to get its size.

3. Retrieving Registry Key Properties in PowerShell: To retrieve the value of a registry key using PowerShell, you can use the following command:

```
(Get-ItemPropertyValue -Path "HKLM:\Software\Microsoft\Windows\CurrentVersion" -Name "ProgramFilesDir")
```

   This command retrieves the value of the **ProgramFilesDir** property from the **HKLM:\Software\Microsoft\Windows\CurrentVersion** registry key.