

Crear una clase en PowerShell con propiedades, constructor, get y set

[crayon-6a9df77b0aa21974885384/]

El set es un método oculto del objeto

[crayon-6a9df77b0aa26384486644/]

```
PS /Users/lamac> $CocheCompleto = [Coche]::new('Rojo','Audi','A2',(get-date))
PS /Users/lamac> $CocheCompleto.Color = "Azul"
PS /Users/lamac> $CocheCompleto

Marca Modelo FechaCompra      Color
-----
Audi   A2      03/07/2021 23:58:39 Azul

PS /Users/lamac> $CocheCompleto | Get-Member -Force

TypeName: Coche

Name           MemberType Definition
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pstypenames    CodeProperty System.Collections.ObjectModel.Collection`1[System.String, System.Private.CoreLib, Version=4.0.0.0,...
psadapted      MemberSet    psadapted {Marca, Modelo, FechaCompra, Color, get_Marca, set_Marca, get_Modelo, set_Modelo, get_Fech...
psbase         MemberSet    psbase {Marca, Modelo, FechaCompra, Color, get_Marca, set_Marca, get_Modelo, set_Modelo, get_FechaCo...
psextended     MemberSet    psextended {}
psobject       MemberSet    psobject {BaseObject, Members, Properties, Methods, ImmediateBaseObject, TypeNames, get_BaseObject, ...
Equals         Method       bool Equals(System.Object obj)
GetHashCode    Method       int GetHashCode()
GetModelo      Method       string GetModelo()
GetType        Method       type GetType()
get_Color      Method       System.Object get_Color()
get_FechaCompra Method       System.Object get_FechaCompra()
get_Marca      Method       System.Object get_Marca()
get_Modelo     Method       System.Object get_Modelo()
set_Color      Method       void set_Color(System.Object )
set_FechaCompra Method       void set_FechaCompra(System.Object )
set_Marca      Method       void set_Marca(System.Object )
set_Modelo     Method       void set_Modelo(System.Object )
ToString       Method       string ToString()
Color          Property     System.Object Color {get;set;}
FechaCompra    Property     System.Object FechaCompra {get;set;}
Marca          Property     System.Object Marca {get;set;}
```

Lo mismo ocurre con el get

```
lamac — powershell — 133x37

Name      MemberType Definition
-----
pstypenames CodeProperty System.Collections.ObjectModel.Collection`1[[System.String, System.Private.CoreLib, Version=4.0.0.0, ...
psadapted MemberSet psadapted {Marca, Modelo, FechaCompra, Color, get_Marca, set_Marca, get_Modelo, set_Modelo, get_Fech...
psbase MemberSet psbase {Marca, Modelo, FechaCompra, Color, get_Marca, set_Marca, get_Modelo, set_Modelo, get_FechCo...
psextended MemberSet psextended {}
psobject MemberSet psobject {BaseObject, Members, Properties, Methods, ImmediateBaseObject, TypeNames, get_BaseObject, ...
Equals Method bool Equals(System.Object obj)
GetHashCode Method int GetHashCode()
GetModelo Method string GetModelo()
GetType Method type GetType()
get_Color Method System.Object get_Color()
get_FechaCompra Method System.Object get_FechaCompra()
get_Marca Method System.Object get_Marca()
get_Modelo Method System.Object get_Modelo()
set_Color Method void set_Color(System.Object )
set_FechaCompra Method void set_FechaCompra(System.Object )
set_Marca Method void set_Marca(System.Object )
set_Modelo Method void set_Modelo(System.Object )
ToString Method string ToString()
Color Property System.Object Color {get;set;}
FechaCompra Property System.Object FechaCompra {get;set;}
Marca Property System.Object Marca {get;set;}
Modelo Property System.Object Modelo {get;set;}

PS /Users/lamac> $CocheCompleto.Get_Color

OverloadDefinitions
-----
System.Object get_Color()

PS /Users/lamac> $CocheCompleto.Get_Color()
Azul
PS /Users/lamac> 
```