PowerShell Profiles

* Profiles are stored in 4 places:
  + **AllUsersAllHosts**
    - %windir%\system32\Windows­PowerShell\v1.0\profile.ps1
  + **AllUsersCurrentHost**
    - %windir%\system32\Windows­PowerShell\v1.0 \Microsoft.Power­Shell\_profile.ps1
  + **CurrentUserAllHosts**
    - %UserProfile%\Documents\Windows­PowerShell\profile.ps1
  + **CurrentUserCurrentHost**
    - %UserProfile%\Documents\WindowsPowerShell \Micro­soft.PowerShell\_profile.ps1
  + Microsoft.PowerShell is the host Id, which can change
  + $PsHome stores path to all users profiles
  + $Home stores path to user specific profiles
* So many profiles...which one to use?
  + Put truly common things in AllUsersAllHost.
  + For peculiarities in particular hosts, use AllUsersCurrentHost
  + Each user manage his/her own preferences and settings in user-specific profiles.
* Managing multiple profiles can be tedious
  + Possible to use AllHost and still load different settings
    - Get-Host in console and ISE
  + if ($Host.Name -eq 'ConsoleHost')
  + {
  + }
  + elseif ($Host.Name -like '\*ISE Host')
  + {
  + }
* Easy way to find your profile:
  + $profile shows path to CurrentUserCurrentHost
  + Append specific profile name to $profile for others
  + This shows the path, does not check for existence
  + Test-Path $profile[.<profile name>]
* You can manually create/edit the files
* You can also use PowerShell to make the files
  + Create the file via PowerShell
    - New-Item -type file -path $profile[.<profile name>] -force
  + Edit the file:
    - notepad $profile[.<profile name>]
  + Allow it to execute:
    - Set-ExecutionPolicy RemoteSigned