

“PowerShell ISE” for NAV 2015

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“ISE” = “**Integration Scripting Environment**”, usabile anche per NAV 2015.

L’ambiente (che si presenta in testo e grafica) permette l’utilizzo della tecnologia “**Microsoft intellisense**” per la compilazione assistita di comandi e parametri (**cmdlets**); è un’estensione del powershell standard.

Attivazione del modulo “PowerShell ISE”

I comandi per NAV devono essere caricati manualmente importando il file di management presente nella cartella dove risiede il Windows Client (ex RTC Client)

Importazione del Modulo

- **Import-Module** “C:\Program Files (x86)\Microsoft Dynamics NAV\80\RoleTailored Client\Microsoft.Dynamics.Nav.Model.Tools.psd1”
- Ovviamente è possibile importare **tutti gli script esistenti** per NAV 2015 ed utilizzarli in ambiente ISE

Permessi amministratore\utente

- Aprire come amministratore il **Window PowerShell ISE** se serve utilizzare in modo amministrativo
- Altrimenti per **altri script** basta l’utente windows connesso (es script NAV NON amministrativi)

NAV Comandi (cmdlets)

La finestra è divisa in 2 sezioni (testo ed execution\debug)

Lista dei comandi esistenti — Finestra con lista di tutti i comandi utilizzabili

I comandi sono molteplici (vedere blog MSDN NAV per averne elenco e spiegazione, oppure vederli dalla lista presentata nella finestra **Comandi**)

Ex:

Get-Command *NAV*

Get-Help

Get-Help Get-NAVServerInstance

Debug — Possibilità di **debug degli script** in esecuzione, possibilità di creare script complessi e facilmente testabili (es: test assegnazione variabili, test ricorsione etc.)

Esistono moltissimi comandi (cmdlets)

- Es: comandi utili per la gestione per Utenti, Permessi, Server NAV etc.

Microsoft Dynamics NAV Windows PowerShell Cmdlets

- [https://msdn.microsoft.com/en-us/library/hh166599\(v=nav.80\).aspx](https://msdn.microsoft.com/en-us/library/hh166599(v=nav.80).aspx)

Scrum vs. Traditional Project Management

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This article is very interesting (and very clear) and summarized in a **few lines** the differences between the traditional PM (Project Management Fundamentals\Parameters) and Scrum Vision.

Source from **Scrumstudy.com** <http://www.scrumstudy.com/scrum-vs-traditional-PM.asp>

SCRUM Fundamentals

<https://www.scrum.org/>

<https://www.scrumalliance.org/>

Scrum in 6 minutes

<http://www.scrumstudy.com/scrum-in-six-minutes.asp>

Scrum Process Schema

Source <http://www.open-ware.org/ita/methodology/scrum.htm>

Scrum Principles & Scrum Phases & Processes

Scrum vs. Traditional Project Management Vision

“**Traditional project management** emphasizes on **conducting detailed upfront planning for the project** with emphasis on fixing the **scope, cost and schedule** — and managing those parameters. Whereas, **Scrum encourages data-based**, iterative decision making in which the **primary focus is on delivering products** that satisfy customer requirements.

To deliver the greatest amount of value in the shortest amount of time, **Scrum promotes prioritization** and **Time-boxing over fixing the scope, cost and schedule of a project**. An important feature of **Scrum is self-organization**, which allows the individuals who are actually doing the work to estimate and take ownership of tasks.

Following table summarizes many of the differences between Scrum and traditional project management:”

Source from **Scrumstudy.com** <http://www.scrumstudy.com/scrum-vs-traditional-PM.asp>

You can find another nice post **about Successful Scrum implementation** here:

11 Tips for a Successful Scrum Implementation

<http://www.implementingscrum.com/2015/04/21/11-tips-for-a-successful-scrum-implementation/>

Some links:

SCRUM Methodolgy (in Italian Language)

Source <http://www.open-ware.org/ita/methodology/scrum.htm>

Others nice links here

- **Scrum.org** <https://www.scrum.org/>
- Scrum Alliance
- Scrum
- Implementing Scrum

MY Better Scrum applications:

Scrumwise, Better Scrum > <http://www.scrumwise.com/>

Asana > <https://app.asana.com/>

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