











sponsored by





SIGN UP FOR TODAY'S RAFFLE!









POWER FX DEEP DIVE: FROM NOVICE TO NINJA!

Joe Griffin

POWER FX DEEP DIVE: FROM NOVICE TO NINJA





https://linktr.ee/joejgriffin

AGENDA

- Meet the Speaker
- Power Fx:
 - What is it?
 - Where can you use it?
 - Why should you know about it?
- From Novice to Ninja (Demos):
 - Mastering the Basics (Data types, operators and imperative actions)
 - Moving Up a Gear: Real World Scenario (complex formulas, comments, collections and variables)
 - Push it to the Limit: Plug-ins and Copilot Studio
- Additional Resources
- Q&A

MEET THE SPEAKER

- Joe Griffin CEO @ proMX UK Limited
- Technologist, trainer, #PowerPlatformFreak, #ProjectOperationsLover, geek, cheesecake consumer

https://linktr.ee/joejgriffin





















POWER FX: OVERVIEW



- Power Fx: The Low-Code Language for the Power Platform
- Easy to use for developers and coding newbies
- Build solutions across the Power Platform
- Designed for Power Users
- Similar to Excel formulas for easy learning

```
fx \
Right(Input.Text, Len(Input.Text)-
Find("|",
Substitute(Input.Text," ","|",
Len(Input.Text)-Len(Substitute(Input.Text," ","")))))
### Format text | Remove formatting
```

KEY FEATURES

- Collaborative and Efficient
 - Facilitates teamwork and reuse through source control, libraries, and governance tools
 - Open-source solution for free contribution and understanding
- Scalable and Extensible
 - Enhance solutions using other pro-code capabilities in the platform
 - Code components, Power Apps cards, Adaptive cards and Dataverse plug-ins
- Consistent and Compatible
 - Works (mostly) seamlessly across the Power Platform
 - Leverages the common data model and connectors
- Versatile and Flexible
 - Create custom apps, automations and bots for various scenarios and needs
 - Easy to Learn and Use

WHERE CAN WE USE IT?

- Power Fx is used in many different areas of the Power Platform
- Can be leveraged to work with data, UI, and automation
- Power Fx can be used in Power Apps, Microsoft Dataverse, Power Automate Desktop and Copilot Studio

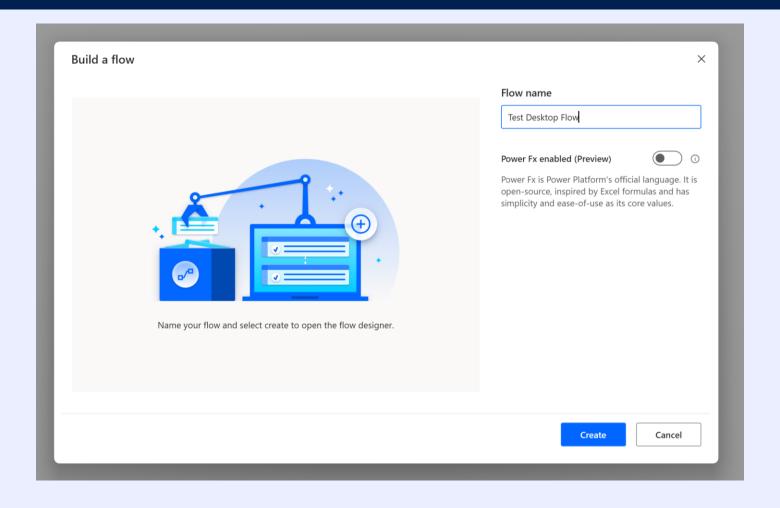


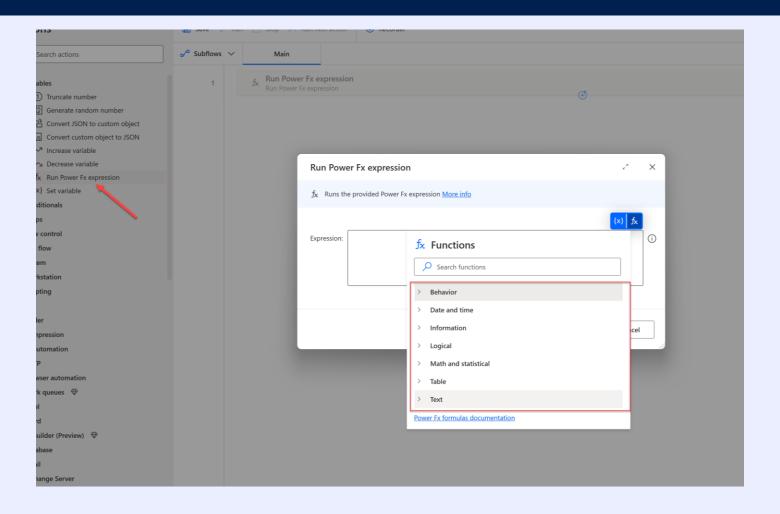


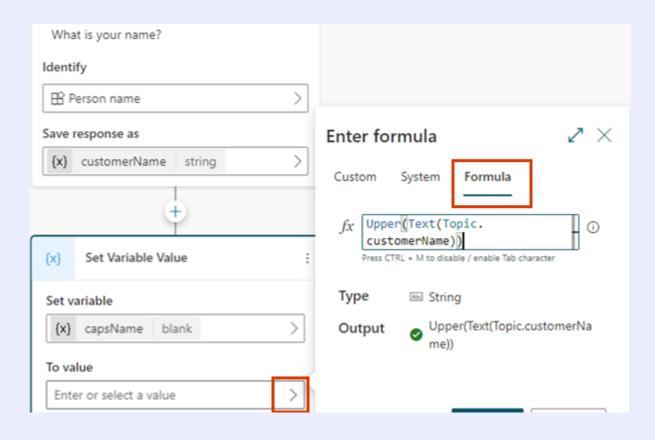


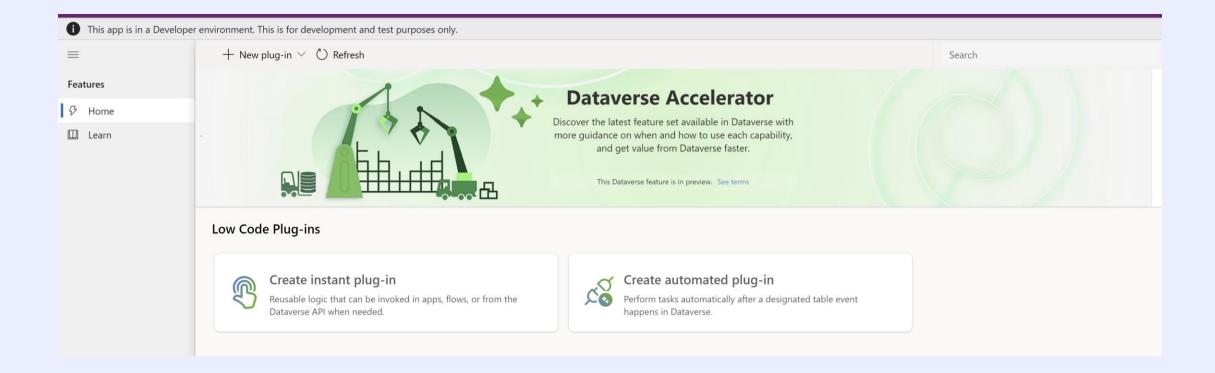


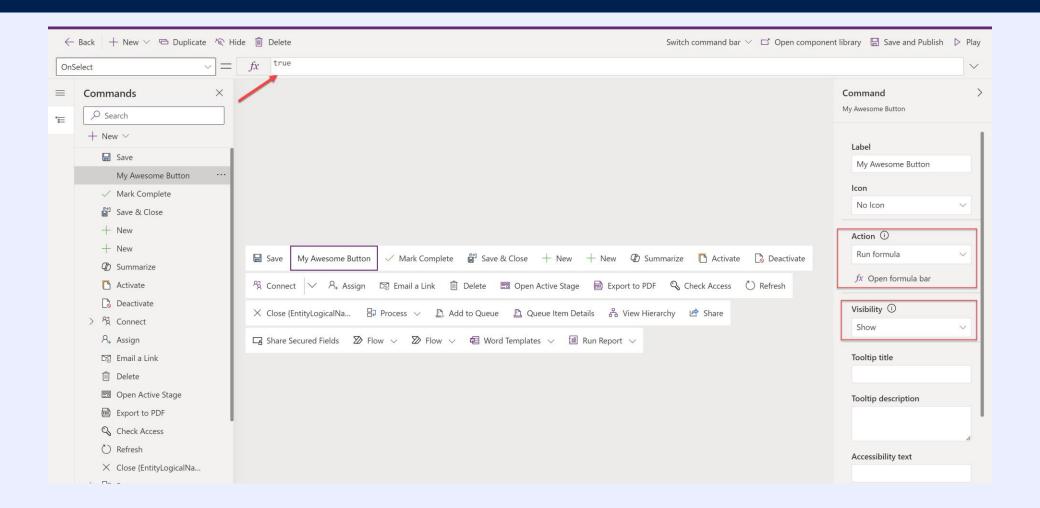


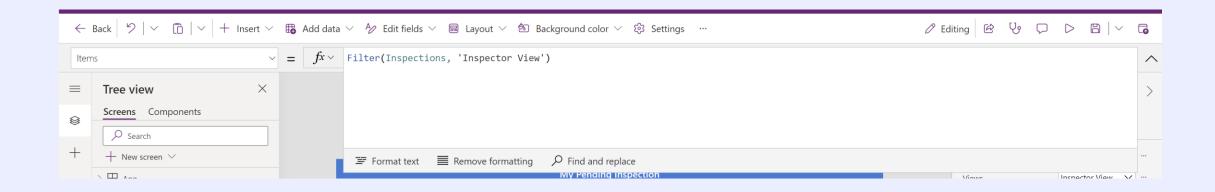












WHY SHOULD YOU CARE?

- Transform your way of creating and customizing applications
 - Automate workflows and build intelligent copilots
- Bridge between Excel formulas and full-fledged programming language
 - Become a versatile creator in the lowcode world
- Turn ideas into reality with precision and speed
 - Embrace the mindset of continuous learning and innovation



THE BENEFITS FOR YOU



- Easy to Use
 - Similar to writing Excel formulas
 - Declarative language
- Flexible and Scalable
 - Usable across different platforms and services
 - Extendable with custom connectors
- Dynamic and Expressive
 - Capable of complex logic and data manipulation
 - Rich set of functions and operators

TIME TO GO DEEP!

ADDITIONAL RESOURCES

- GitHub Repository for Power Fx:
 - https://github.com/microsoft/Power-Fx
- Microsoft Power Platform CLI (recommend VS Code option):
 - https://learn.microsoft.com/en-us/power-platform/developer/cli/introduction?tabs=windows
- Power Fx Formula Reference:
 - https://learn.microsoft.com/en-us/power-platform/power-fx/formula-reference
- Matt Collins Jones Using Power Fx in Modern Commanding and Custom Pages:
 - https://www.youtube.com/playlist?list=PL9aOTzghr-xvXNkLK1VMuj3gmdRx8s48K

CLOSING THOUGHTS

- Ignore Power Fx at your peril
- Learn once, re-use again...and again...and again
- Powerful and flexible for both low and pro code users
- Devote time to exploring new preview capabilities involving Power Fx as and when they arise
 - Reconsider future investments into classic real-time workflows and calculated columns in Microsoft Dataverse

Q&A

THANKS FOR LISTENING





https://linktr.ee/joejgriffin