

Creating Cloud Flows with Microsoft Power Automate



Vlad Catrinescu

Microsoft MVP

@vladcatrinescu <https://VladTalksTech.com>



Overview



Creating cloud flows from a template

Creating a cloud flow from scratch

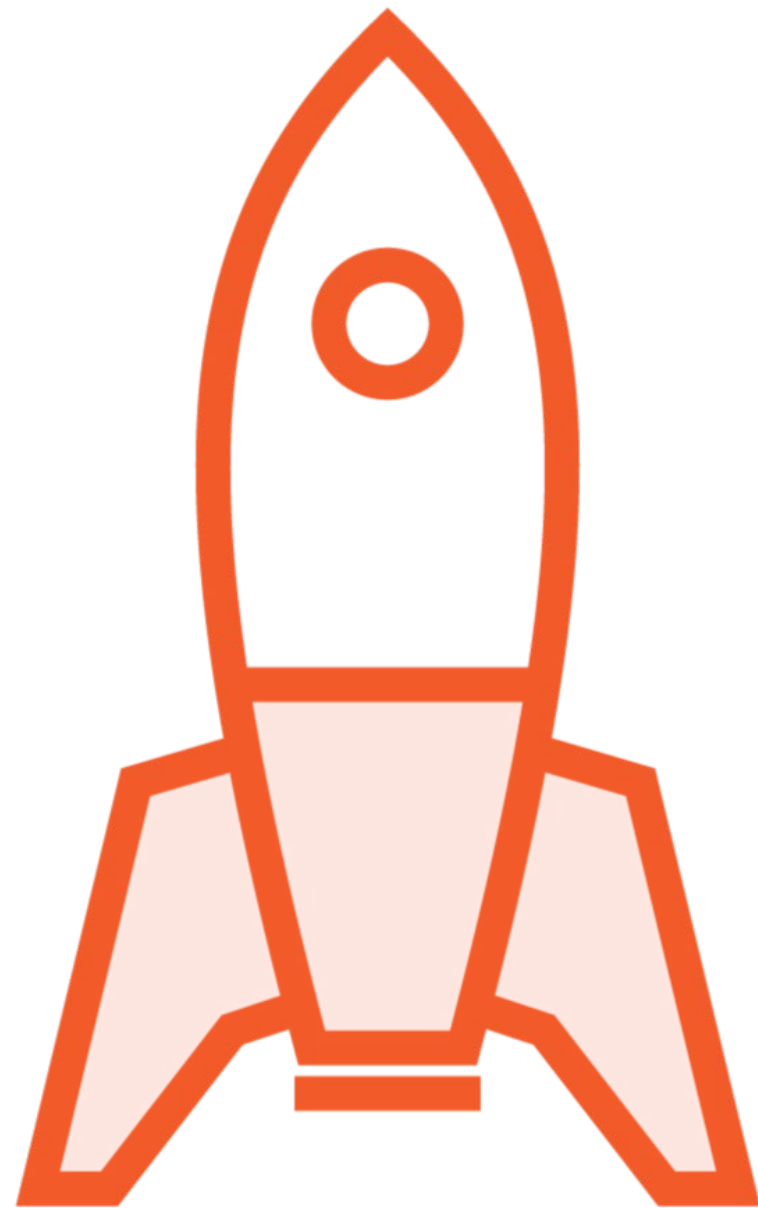
- Logic controls



Creating a Cloud Flow from a Template



Microsoft Power Automate Templates



Great way to get started with Power Automate

Templates can be customized

- **Add / delete actions**

Hundreds of templates offered out of the box



Other Makers Can Also Share Templates with You

LOBOMANTICS

Power Automate

Search for helpful resources

Environments

Globomantics.Org

VL

Home

Action items

My flows

Create

Templates

Connectors

Data

Monitor

AI Builder

Process advisor

Chat with a bot

Search templates ...

Sorted by popularity

All flows

Featured

Shared with me

Remote work

Approval

Button

Visio

Data collection

Email

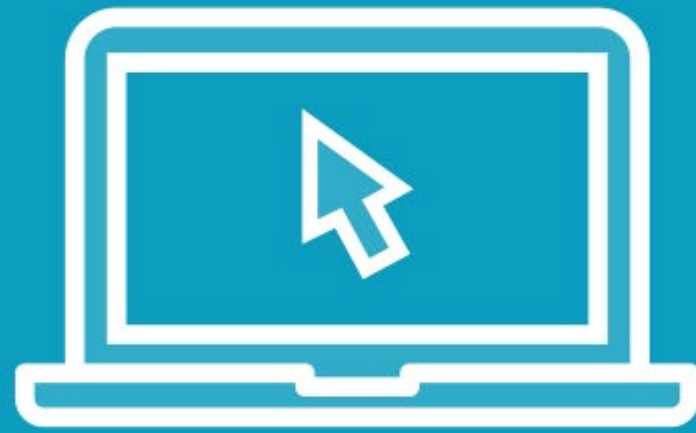
...

Globomantics RSS to Social Template

By vlad@globomantics.org

Automated0

Demo



Send approval email when a new item is added to a SharePoint List



Demo



Copy files between Dropbox and SharePoint



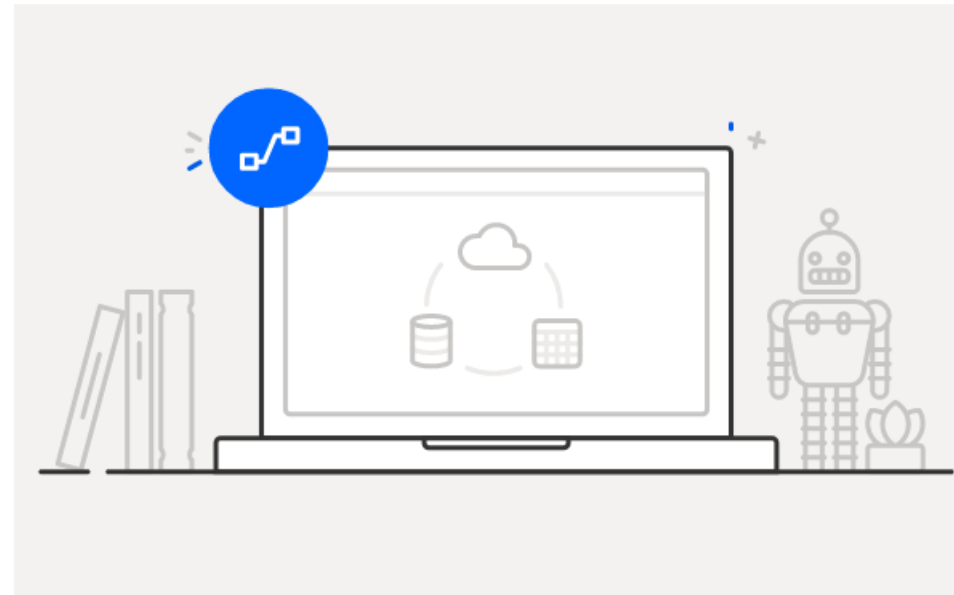
Creating a Cloud Flow from Scratch



Power Automate makes it easy even when starting from blank

You can search all triggers depending on the type of flow

Build an automated cloud flow



Free yourself from repetitive work just by connecting the apps you already use—automate alerts, reports, and other tasks.

Examples:







- Automatically collect and store data in business solutions
- Generate reports via custom queries on your SQL database

Flow name

Add a name or we'll generate one

Choose your flow's trigger * ⓘ

Search all triggers

- | | | |
|---|---|---|
|  | When a new response is submitted
Microsoft Forms | ⓘ |
|  | When an item is created
SharePoint | ⓘ |
|  | When an item is created or modified
SharePoint | ⓘ |
|  | When a file is created in a folder
SharePoint | ⓘ |
|  | When a file is created
OneDrive for Business | ⓘ |
|  | When a task is assigned to me
Planner | ⓘ |

[Skip](#)

Create

Cancel



Adding More Logic To Our Flows

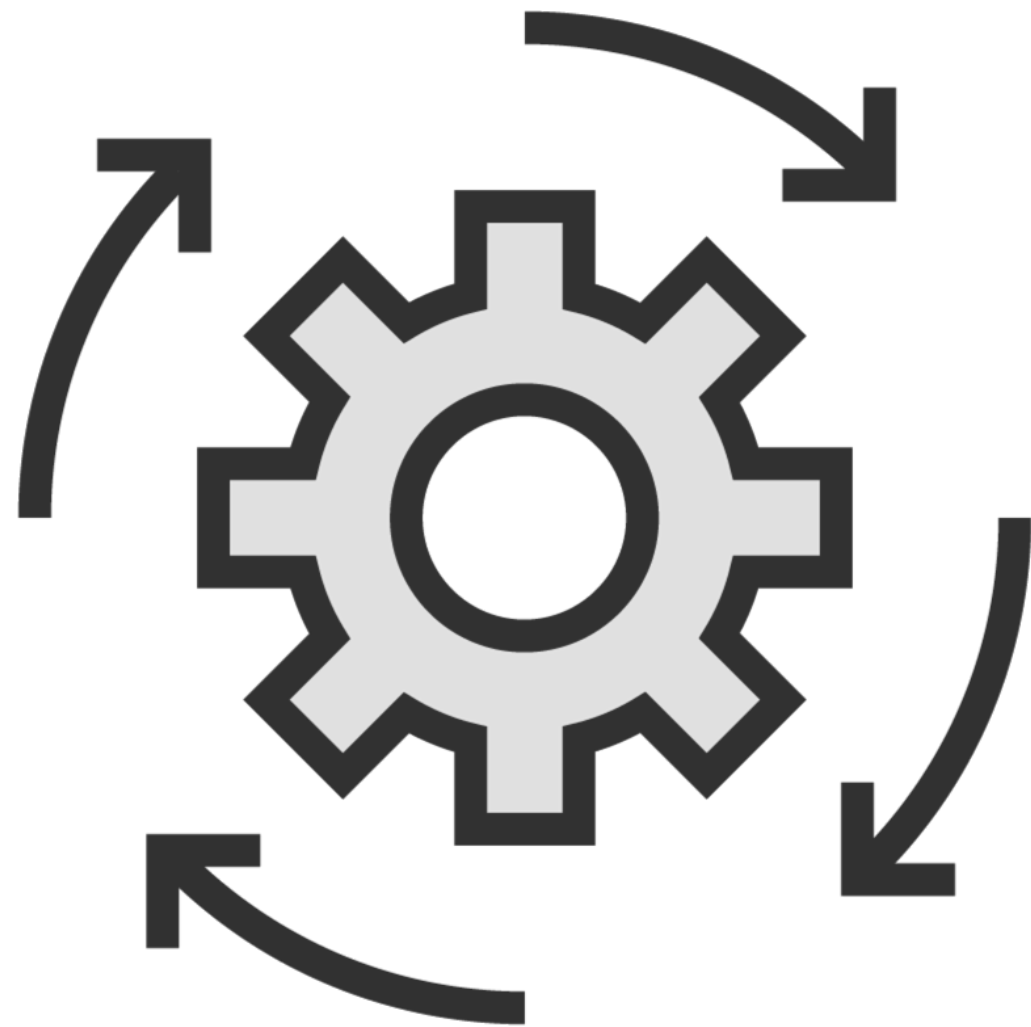
Loops

Switch Statements

Expressions



Power Automate Loops



Block of actions that will repeat over and over again

- **Until a condition is met**

Two types of loops in cloud flows

- **Apply to each**
- **Do until**

Expressions

Expressions are a set of simple functions that enable you to return data

You use expressions to write a formula to manipulate data

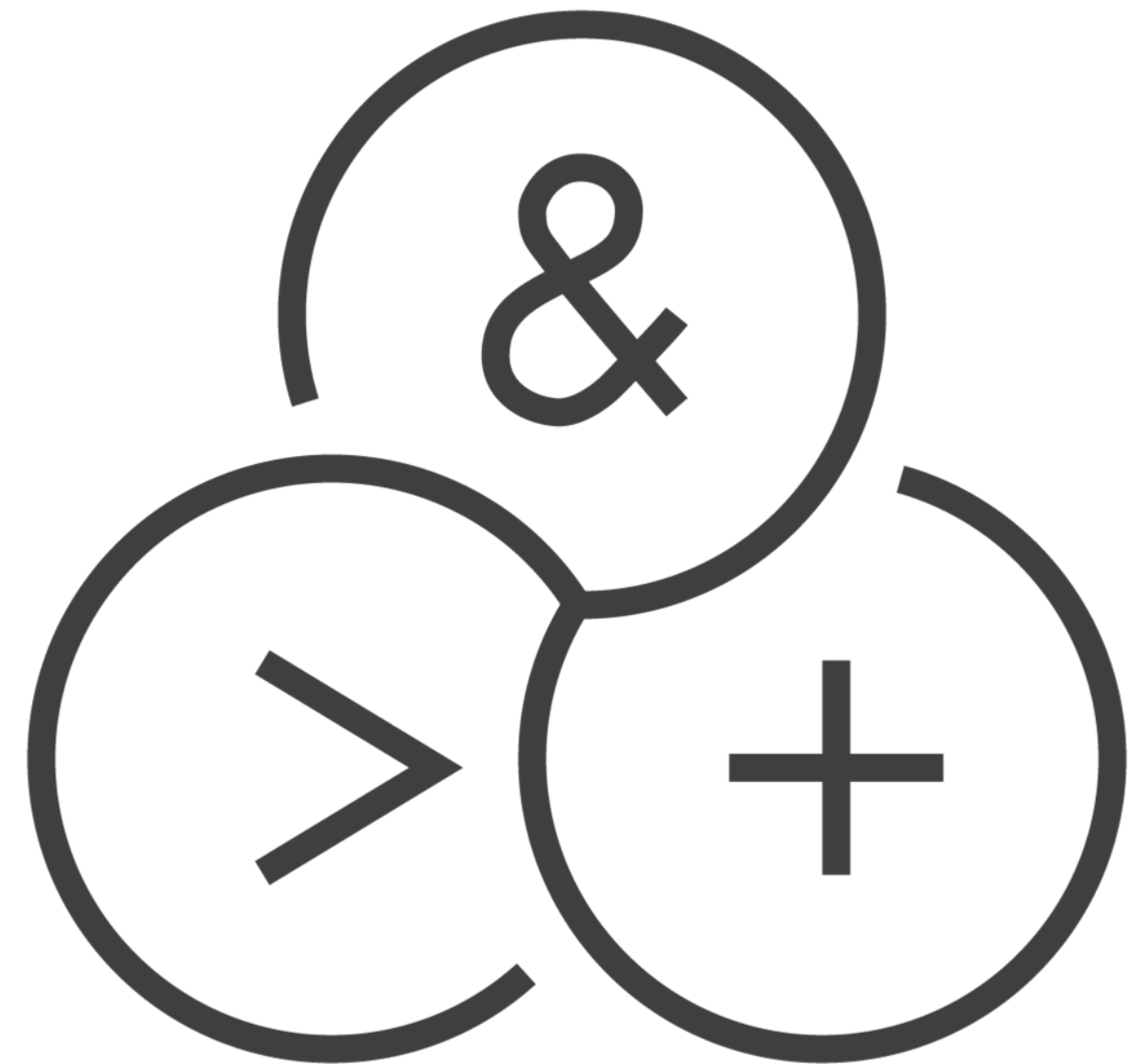
And return it the way you want it!

Expression can help you

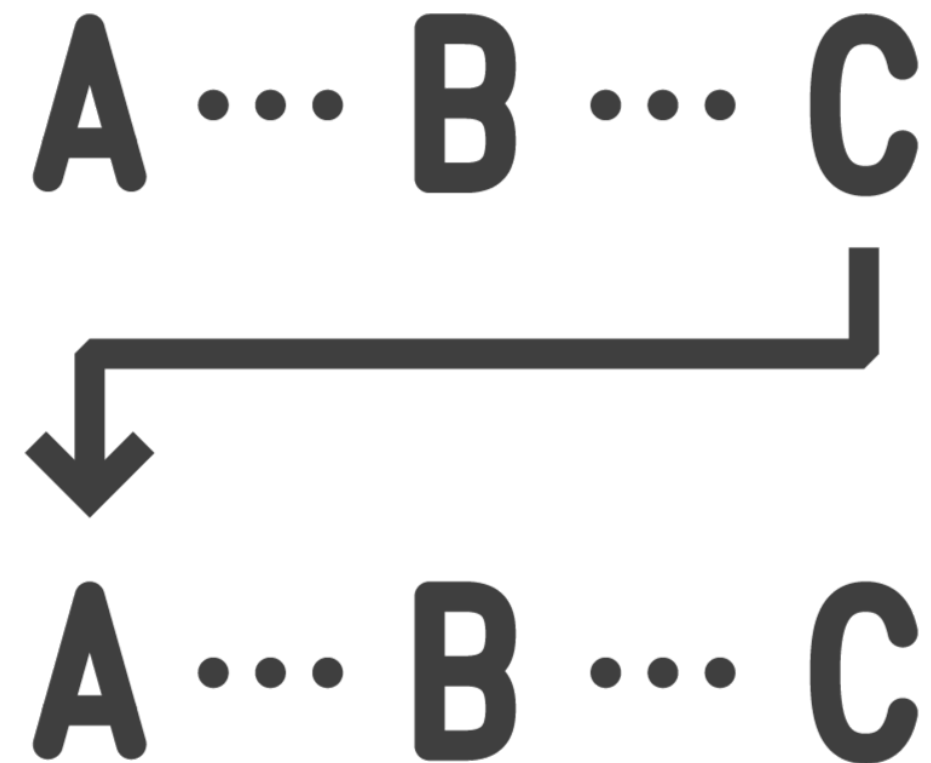
Perform calculations

Concatenate strings

Manipulate dates



Switch Statements



Switch statements can evaluate a single property

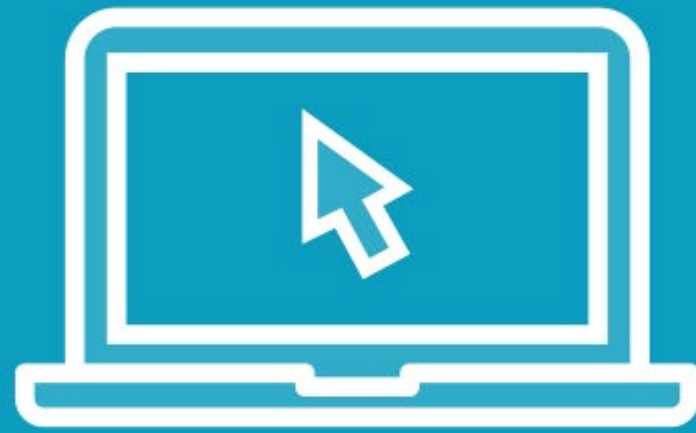
- But they allow you to have multiple potential results

Examples

- Provisioning flow with multiple template options
- Expense report with different options depending on value



Demo



Creating a cloud flow from scratch



Conclusion



Created our first cloud flows

- Based on a template
- From scratch

Logic Controls

- Conditions
- Switch Statements
- Loops
- Expressions



Up Next:

Introducing Business Process Flows

