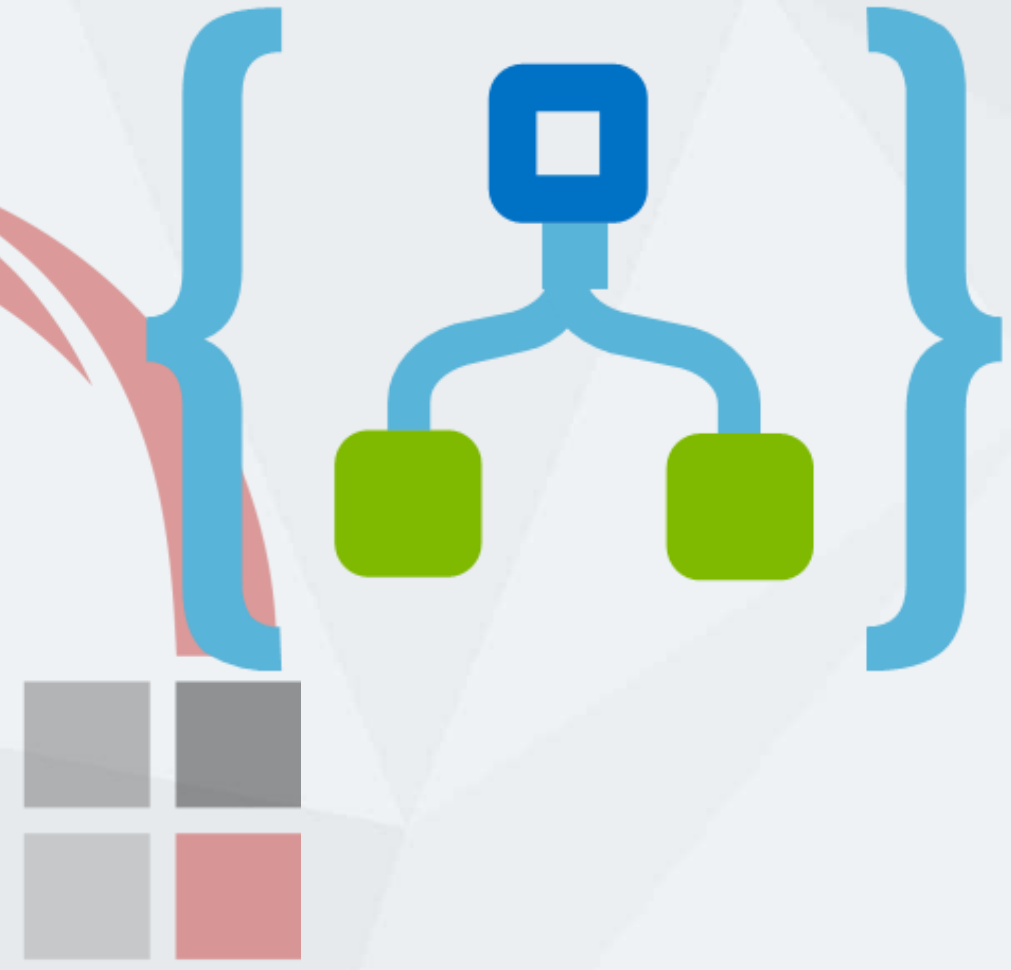




Enterprise Software Development

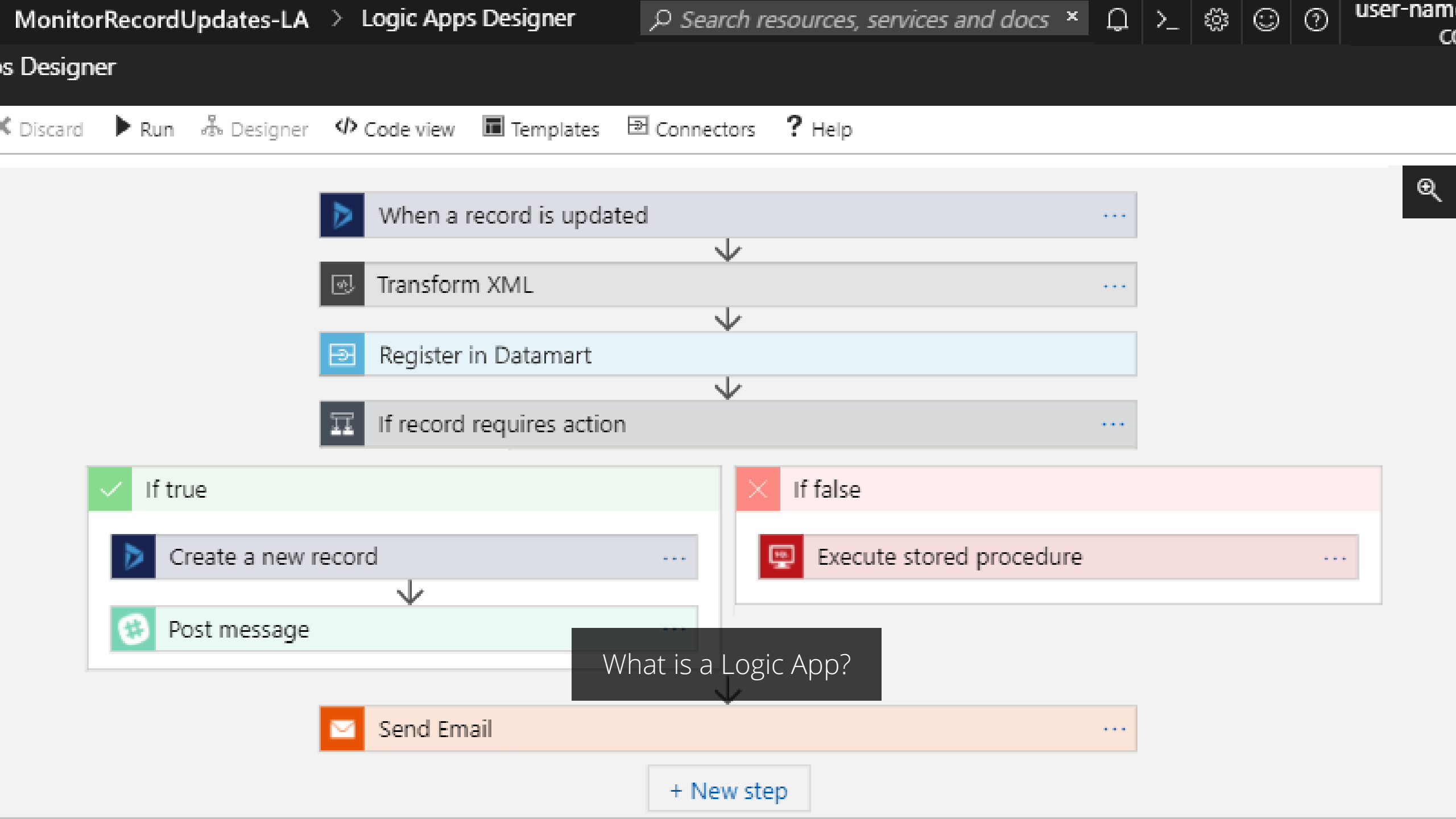
Join the Conversation #LogicApps @matteightyate



# Logic Apps: Your gateway to a serverless future

April 2019

Join the Conversation #LogicApps @matteightyate

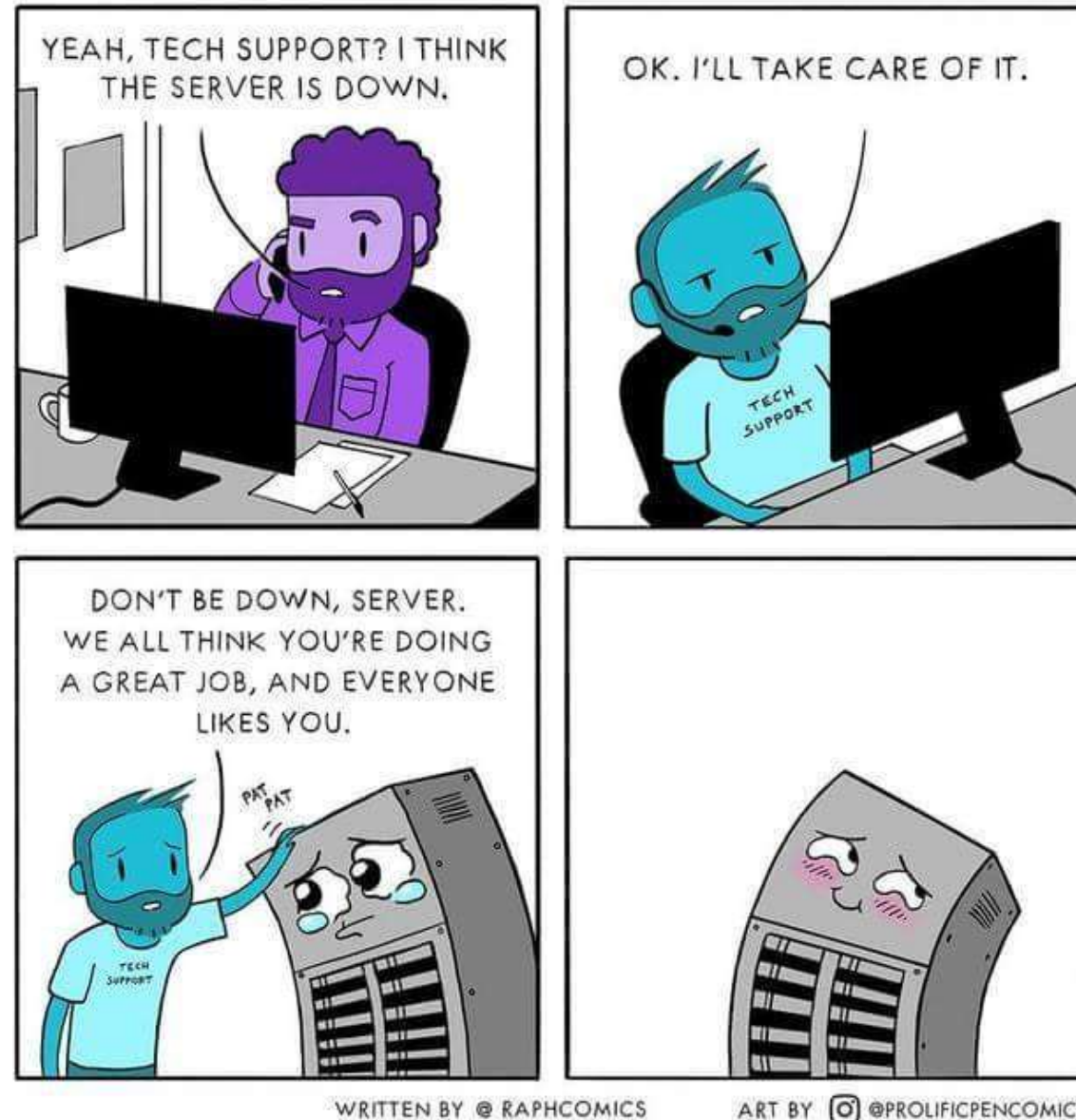




Why?







Join the Conversation #LogicApps @matteightyate



**SMALL  
BRICK CITY**







# Matt Wicks

SSW Solution Architect

Recently became a CSM

Long time lurker, first time poster

DevOps Person

 @matteightyate

 wicksipedia

Join the Conversation #LogicApps @matteightyate





# Table of Contents

History

Where we are today

SSW Shorts

SSW Free Lunch

Something more business-y

Moving forward



# Task Scheduler

Join the Conversation #LogicApps @matteightyate







Window

続け

Win



をインストールしてください。



Windows 10  
Pro  
ウィンドウズ10 プロ

with Microsoft Edge

Version 10.0

Disk 1 of 2639

起動ディスク - 1

セットアップ方法:

1. コンピュータの電源を切ります
2. [起動ディスク]をフロッピー
3. コン

PC/AT互換機用 64ビット版  
2HD(1.44MB)

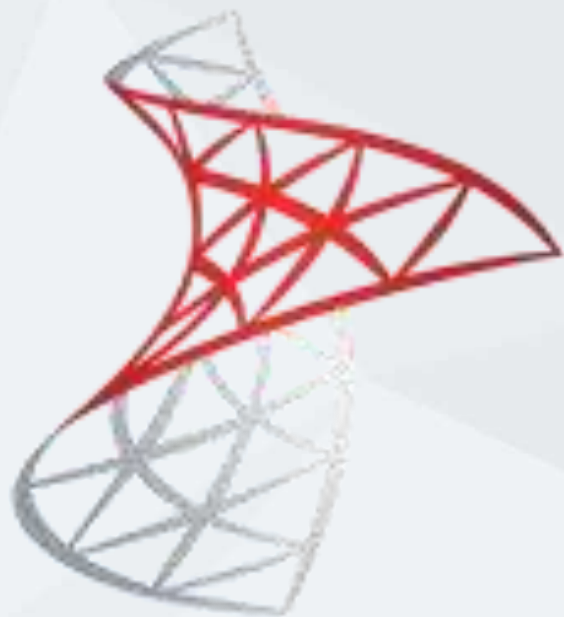
Microsoft



# Task Scheduler

Join the Conversation #LogicApps @matteightyate





Not a service

BizTalk

Last stable release  
December 2016 🤖

# Automate processes with enterprise-wide application integration

Use BizTalk Server to seamlessly connect your on-premises systems to cloud-based applications—or extend existing investments to the cloud with Azure Logic Apps.

[Visit blog >](#)[Learn more about Azure Logic Apps >](#)

## Why Microsoft BizTalk Server for application integration?



### Connect seamlessly

Access comprehensive capabilities and tools to connect mission-critical, on-premises applications.



### Extend to the cloud

Extend your investment with hybrid connectivity between existing systems and cloud applications.



### Go beyond integration

Add Azure services to gain new insights from connected systems.

[Watch the overview >](#)



IFTTT  
If This Then That

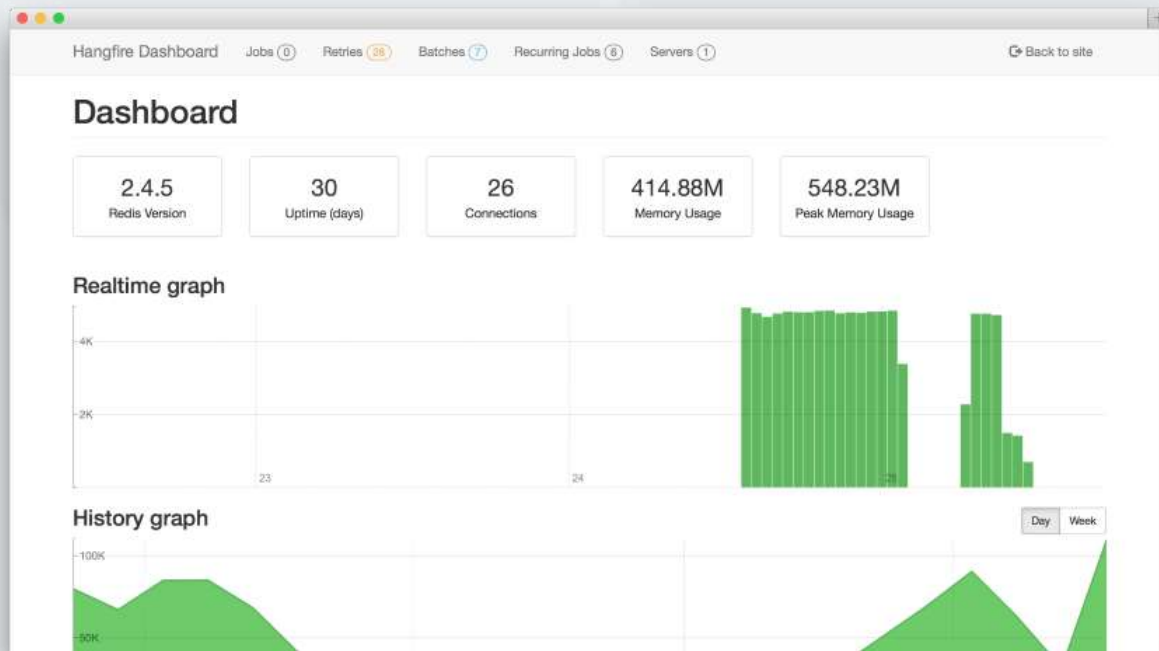
Join the Conversation #LogicApps @matteightyate





Zapier

Join the Conversation #LogicApps @matteightyate



# Hangfire



# Azure WebJobs

Join the Conversation #LogicApps @matteightyate





# Azure Scheduler

Join the Conversation #LogicApps @matteightyate



# Table of Contents

History

Where we are today

SSW Shorts

SSW Free Lunch

Something more business-y

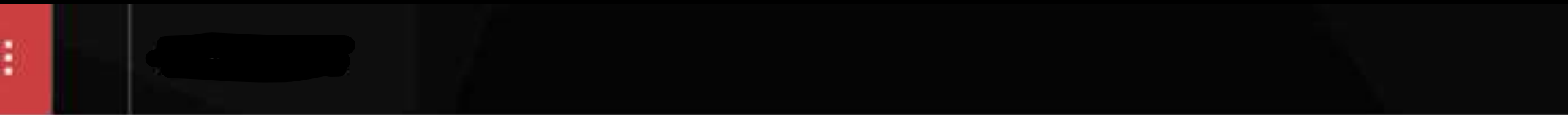
Moving forward



# Microsoft Flow

Join the Conversation #LogicApps @matteightyate





# SSW Free Lunch

Private group

Search

+ New ▾

⬆ Upload ▾

↻ Sync

📄 Export to Excel

🔗 Flow ▾



**THIS IS**

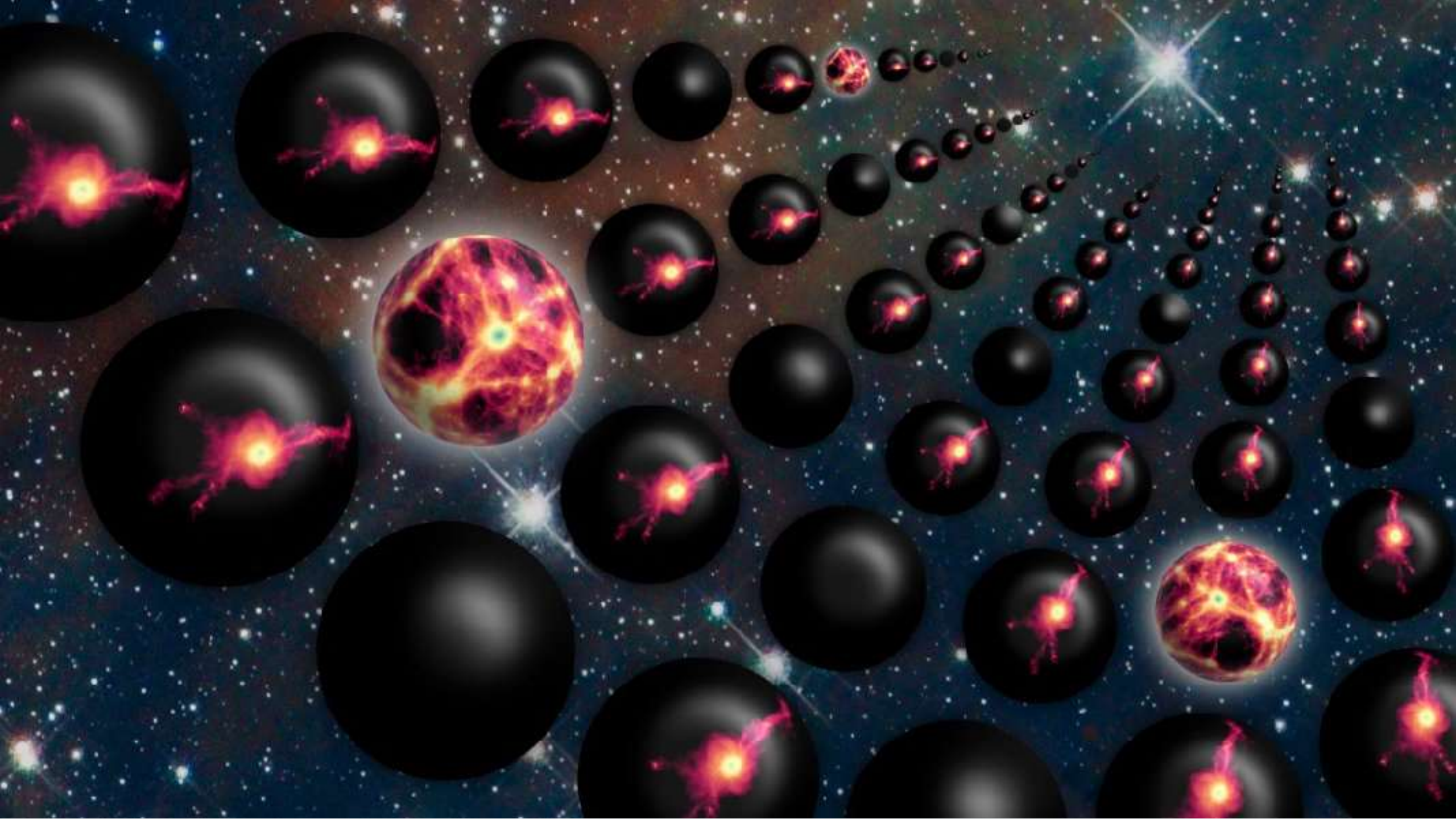
**SHAREPOINT**



# Microsoft Flow

Join the Conversation #LogicApps @matteightyate







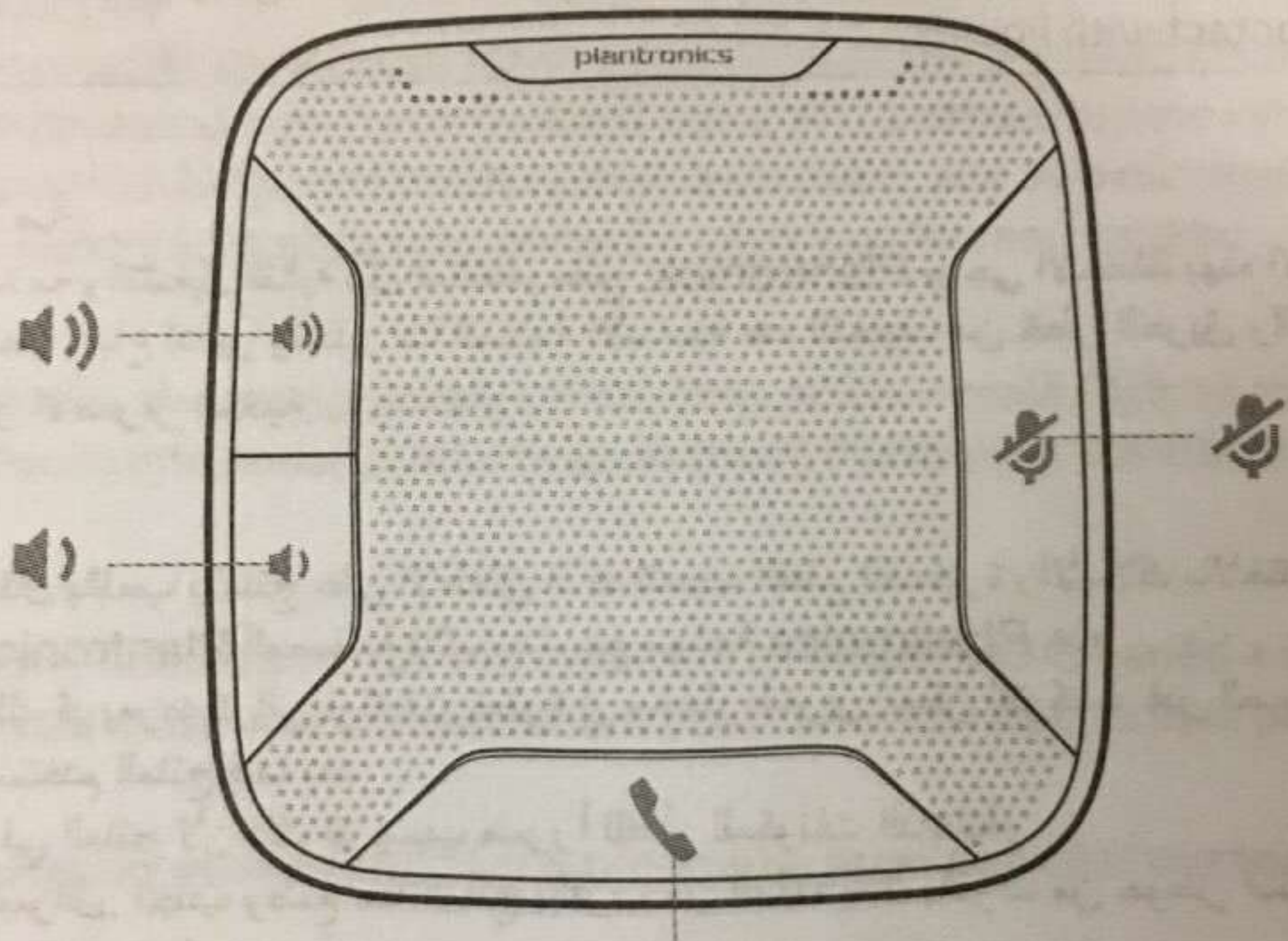
















# Logic Apps



# Table of Contents

History

Where we are today

SSW Shorts

SSW Free Lunch

Something more business-y

Moving forward

# SSW.Shorts





A blaze moves through Deepwater National Park in Queensland on November 28, 2018. Thousands of people have been evacuated from their homes in northeastern Australia as bushfires raged across Queensland during a scorching heatwave.

PHOTOGRAPH BY ROB GRIFFITH, AFP/GETTY IMAGES

| ENVIRONMENT |

## The last five years were the hottest ever recorded

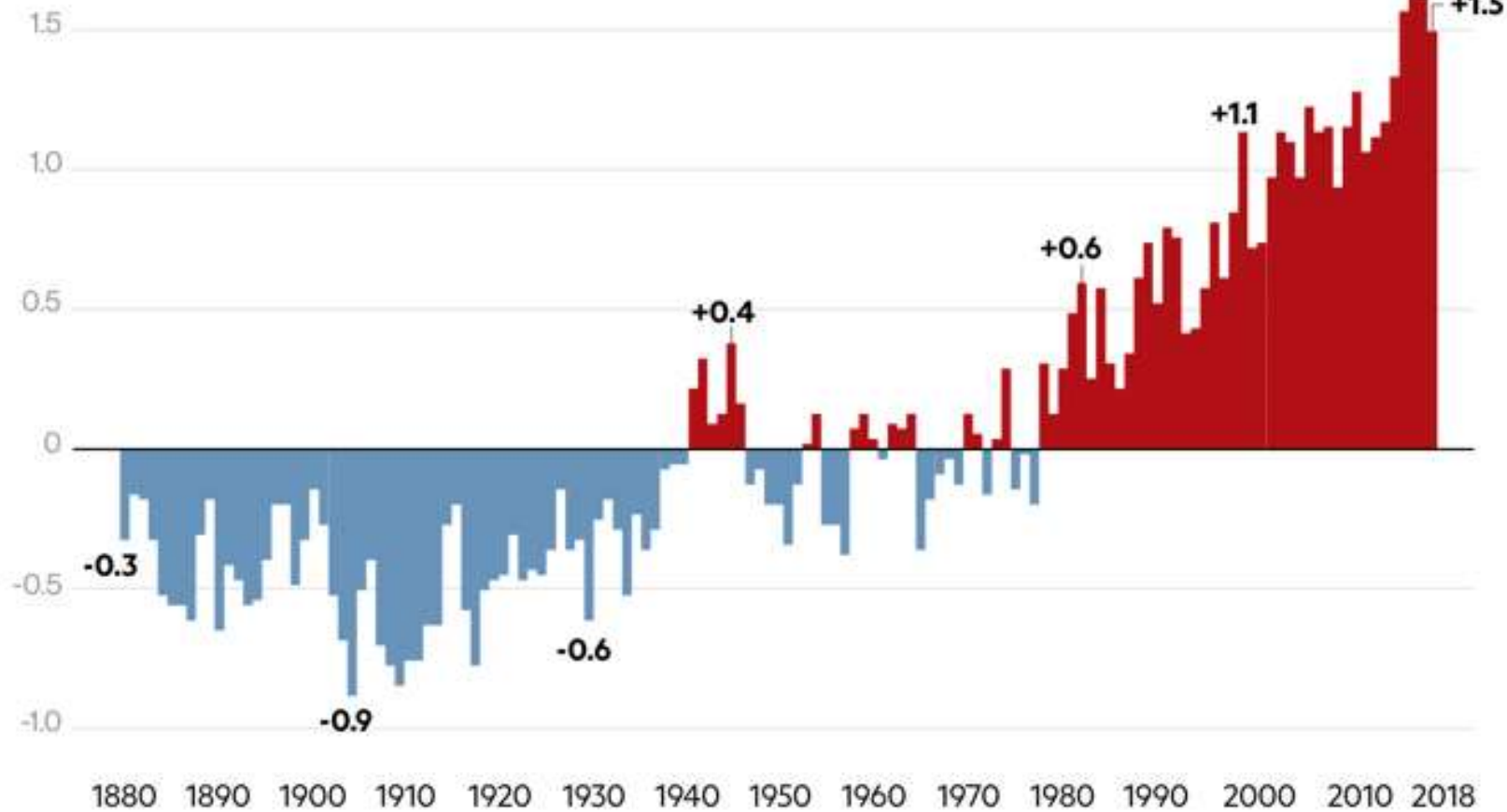
The planet is warming up, and there's no sign of stopping.

<https://www.nationalgeographic.com/environment/2019/02/2018-fourth-warmest-year-ever-noaa-nasa-reports/>



# Global Temperature

Difference from 1951-80 average, in degrees Fahrenheit



SOURCE: NASA

<https://www.nationalgeographic.com/environment/2019/02/2018-fourth-warmest-year-ever-noaa-nasa-reports/>



**Donald J. Trump**

@realDonaldTrump



Following

The concept of global warming was created by and for the Chinese in order to make U.S. manufacturing non-competitive.

RETWEETS

24,831

LIKES

14,654



2:15 PM - 6 Nov 2012



# Demo – SSW Shorts v1



- Microsoft Flow
- MSN Weather Connector
- Outlook Connector





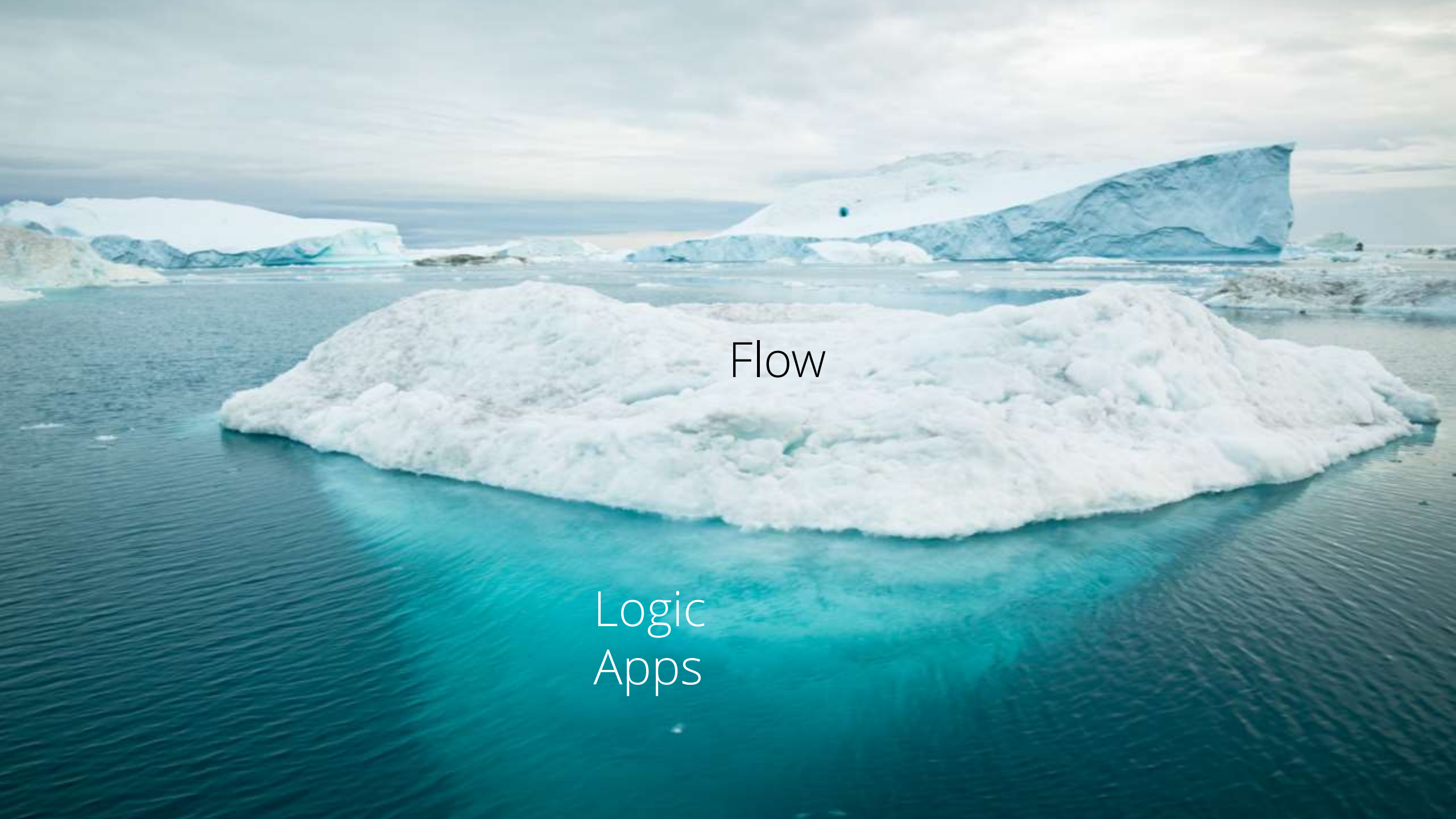


Microsoft Flow

Logic Apps

SAAS

PAAS



Flow

Logic  
Apps

# Flow vs Logic Apps: Who?

- Office workers
- Business users
- SharePoint administrators
- Pro integrators
- Developers
- IT pros

# Flow vs Logic Apps: Why?

- Automating Workflows
- Simple integrations
- Extending Flow
- Extended/Advanced integrations



# Flow vs Logic Apps: Where?

- Browser
- App
- Office 365 Service

- Browser
- Visual Studio
- **Azure** Service

# Flow vs Logic Apps: How?

- Shared connectors
  - Flow connectors
  - Environment
  - Analytics
  - Pay by run
- Shared connectors
  - Logic App connectors
  - Each app is an independent entity
  - **Azure Analytics**
  - Pay by action run and connector run

# Logic Apps pricing

Automate business processes

- ✓ No upfront cost
- ✓ No termination fees
- ✓ Pay only for what you use
- ✓ Per-action billing



Try for free >

Azure Logic Apps allows IT professionals and developers to automate business process execution and workflow using an easy-to-use visual designer.

Region:  

Australia East

Currency:  

Australian Dollar (\$)

## Pricing details

Every time a Logic App definition runs the triggers, action and connector executions are metered.

	PRICE PER EXECUTION
Actions	\$0.000039
Standard Connector	\$0.000179
Enterprise Connector	\$0.001373

100000 x =

22000 x =

2900 x =



Data retention: \$0.17 GB/month

## Connectors



# Integrations

Adobe Sign

AppInsights

Azure Storage

(Blob/File/Queue)

Azure Cosmos DB

Azure DevOps

Azure Event Grid

Azure Resource Manager

Azure Cognitive Services

# Integrations

A Adobe Sign

A AppInsights

Azure Storage  
(Blob/File/Queue)

Azure Cosmos DB

Azure DevOps

Azure Event Grid

Azure Resource Manager

Azure Cognitive Services

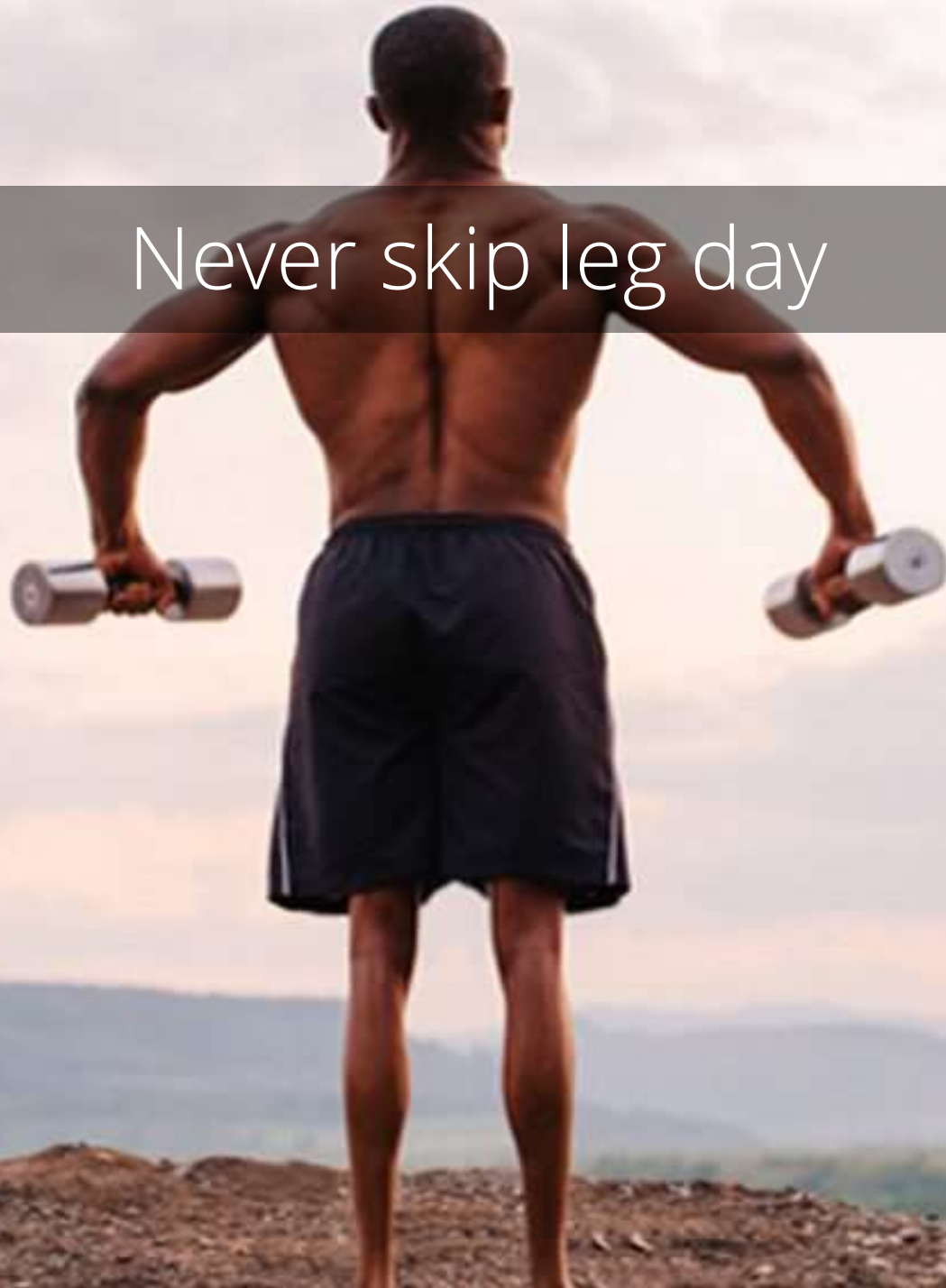
# Demo – SSW Shorts v2



- Microsoft Logic Apps
- BOM Weather Data
- Outlook Connector



Never skip leg day





# Table of Contents

History

Where we are today

SSW Shorts

SSW Free Lunch

Something more business-y

Moving forward

# Free Lunch?

- Fill out timesheets
- Make progress (or have completed) induction
- Answer a weekly email
- By Friday 12pm





# Our Heroes

Meet Penny and Uly

They have busy Friday mornings

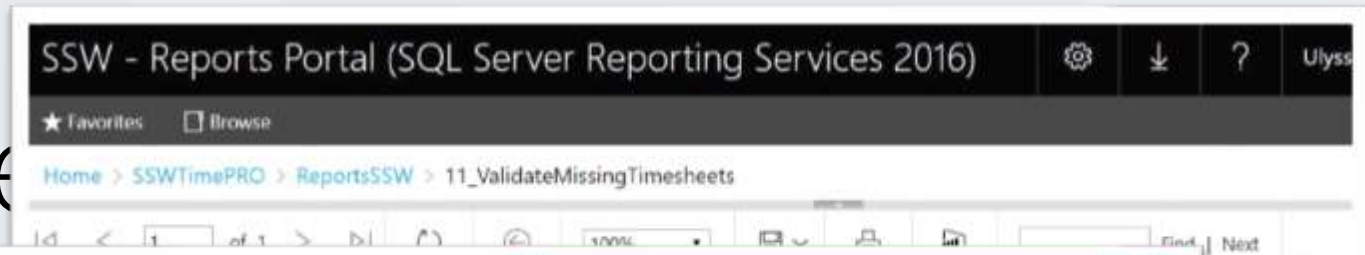
They want everyone to get a free lunch



## \*\*The Pain\*\*

- TimePro for timesheets
- SugarLearning for induction progress
- Hunt through a busy inbox to look for replies
- Once at 11am and again at 12pm

No. Seriously. The



SSW				
SSWTimePRO Reports				
20/01 Sun				
	0.0			
	0.0			
	0.0			
	0.0			
	0.0			
	0.0			
	0.0			
	0.0			
	0.0			
	0.0			
ts	Badges	Last Completed	Last Visited	Joined
	0	6 months	6 months	6 months
	4	2 months	2 months	11 months
	11	1 month	8 days	8 months
	0	1 month	2 days	3 years
	0	1 month	1 month	4 years
	1	1 month	2 days	4 months

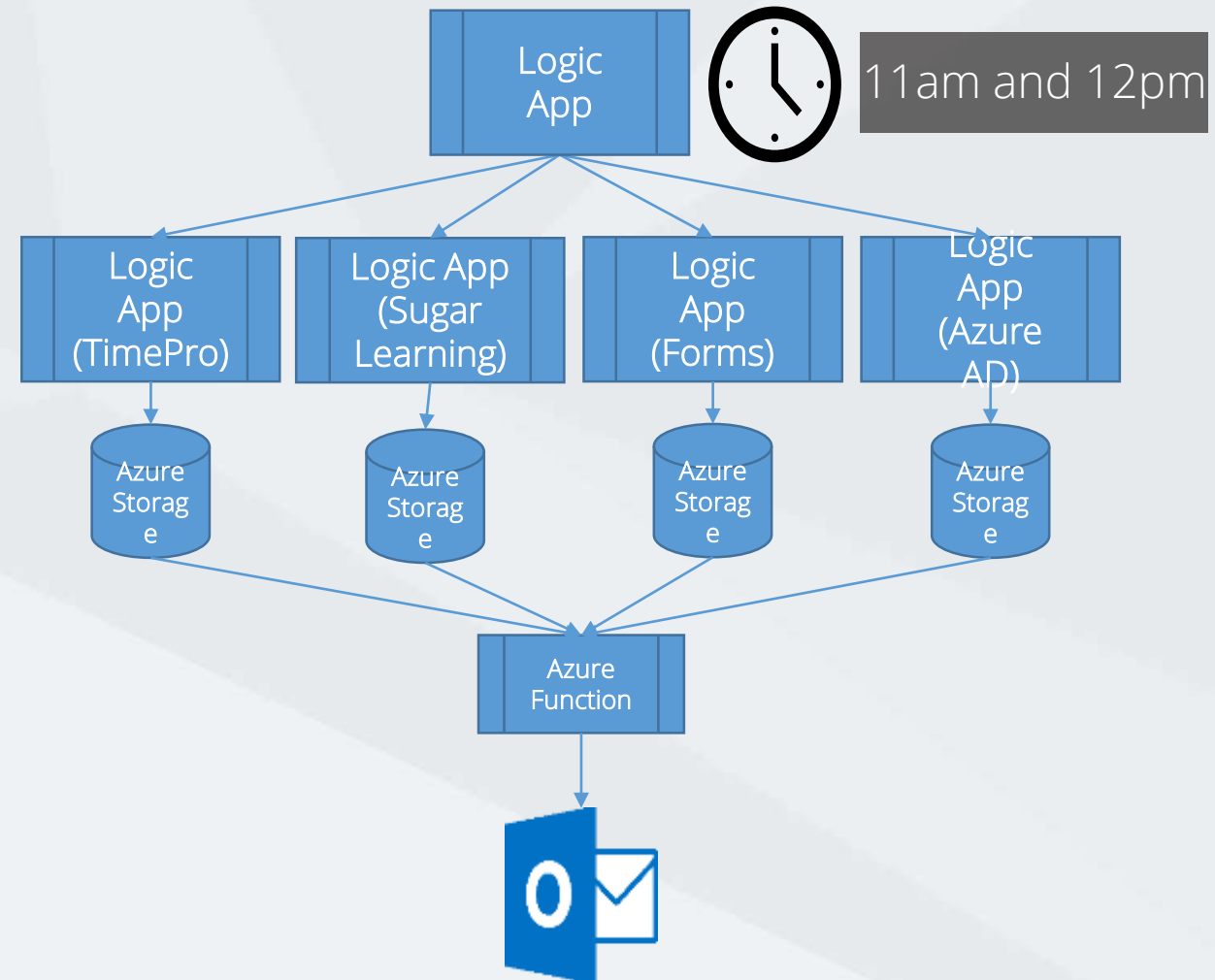


# We can do better

- Azure Logic Apps
- SugarLearning API
- TimePro API
- Surveys not Emails
- Configurable Rules
- Email results at 11am and 12pm

# Architecture

- Logic App to orchestrate on a recurrence
- Logic Apps to retrieve data from various sources and store in blob storage
- Azure Function to retrieve data and report who is **not** eligible for free lunch
- Functions can be unit tested





# Demo – SSW Free Lunch



- Logic Apps
- Azure Storage
- Azure Functions







# Table of Contents

History

Where we are today

SSW Shorts

SSW Free Lunch

Something more business-y

Moving forward

# Demo – Selfie Time



- Logic Apps
- OneDrive
- Twitter

# Demo – Customer Satisfaction



- Logic Apps
- Cognitive Services
- Action!



# Summary

History

Where we are today

SSW Shorts

SSW Free Lunch

Something more business-y

Moving forward

# Greenfield Dream

- 100% Serverless
- JavaScript app hosted from Azure Storage
- Azure Functions and API Management
- Event Grid
- Cosmos DB

# Thank you!



@matteightyate




wicksipedia/presentations

[info@ssw.com.au](mailto:info@ssw.com.au)

[www.ssw.com.au](http://www.ssw.com.au)

Sydney | Melbourne | Brisbane | Adelaide

A tablet is positioned on a wooden desk, displaying a social media profile page. The profile includes a header with a name and profile picture, followed by a grid of posts. The background is a blurred wooden surface.

# How to use this powerpoint

.NET User Group October 2014

Join the Conversation #LogicApps @matteightyate





# Adam Cogan

The Coganator



#AdamCogan (you can add Facebook etc.)

- Crushed a can with his bare fist once
- Every year jumps in a pool of ice water because he CAN
- Stole a pregnant lady's chocolate
- Look in fileserver for a high res version of your employee photo. \\fileservr\DataSSW\Photos\Employees

Join the Conversation #LogicApps @matteightyate

# Table of Contents

Select this shape object

Drawing Tools > Format > Shape Fill

Change to whatever colour you want

Default is Black

Recommended selected color is any shade of red

Delete Extra Segments (Have no more than 6 chapters)



SSW Stock Photos – \\fileserver\DataSSW\Photos\Powerpoint-StockImages



# SSW Rules

Do you know the best practices for building better software?

Home / Communication / Rules to Better Powerpoint Presentations

## Are you following Rules to Better PPT?



Hold on a second! How would you like to view this content?

☐ Just the title!

☐ A brief blurb!

☒ Gimme everything!

### Help and improve these rules

*Nothing great is easy. The SSW rules are a great resource for developers all around the world. However it's hard to keep rules current and correct. If you spot a rule that is out of date, please [email](#) or if you are cool [tweet me](#) .*

[Adam Cogan](#)


### 1. Do you know if you are using the template?

PowerPoint templates are designed to engage your audience visually and save you time. When you start creating a new presentation file, always make sure you use a template.

### Our experience

For 20 years we have been servicing:  
Sydney NSW, Melbourne VIC, Brisbane QLD, Canberra ACT, Adelaide SA and





“Coming back to where you started  
is not the same as never leaving.”

Terry Pratchett, *Hat Full of Sky*

```
<link runat="server" href="/SSW/Include/RavenPrint.css" rel="stylesheet" type="text/css" media="print" id="printCSS" />
```

```
<script type="text/javascript" src="/SSW/Scripts/jquery-2.1.0.min.js"></script>
<script type="text/javascript" src="/SSW/include/moment.js"></script>
<script type="text/javascript" src="/SSW/include/moment-timezone.js"></script>
<script type="text/javascript" src="/SSW/include/moment-timezone-data.js"></script>
<script type="text/javascript" src="/SSW/include/jstorage.js"></script>
<script type="text/javascript" src="/SSW/include/livestream.js"></script>
```

```
<title>SSW - Sydney's Leading Custom Software Consultants - .NET, SQL Server, Web, Windows and SharePoint, and Database Development</title>
```

```
<asp:ContentPlaceHolder ID="HeaderScripts" runat="server">
```

```
<meta name="description" content="SSW - Australia's leading Scrum, .NET, SharePoint, TFS and SQL Server Consultants & Trainers. Specialising in Web, Intranet and BI development." />
</asp:ContentPlaceHolder>
```

```
<asp:Form ID="form1" runat="server">
  <div id="Wrap">
    <div id="Main">
```

```
<h1>This slide layout is best for screenshots of code where you don't want subtitles or text to distract</h1>
```

```
</div>
<div class="width-full" id="livestream"></div>
```

```
<div id="Menu">
```

```
<div class="width-full">
```

```
<div id="MenuLogo">
```

```
<a href="/ssw/"></a>
```

```
</div>
```

```
<a class="ignore" id="facebook-menu" title="SSW on Facebook" href="https://www.facebook.com/SSW.page" target="_blank">Facebook</a>
```

```
<a class="ignore" id="twitter-menu" title="SSW on Twitter" href="https://twitter.com/SSW_TV" target="_blank">Twitter</a>
```

```
<div id="UserPanel">
```

```
<ssw:LoginStatus id="loginStatus" runat="server" />
```

```
<a style="border:0;" href="javascript:sendEmail('696e666f407373772e636f6d2e6175')" onmouseover="javascript:displayStatus('696e666f407373772e636f6d2e6175'); return true">
```

```
</div>
```

```
<div id="MegaMenu">
```

```
<uc1:Menu ID="Menu1" runat="server" />
```

Split Source <html> <body> <form#form1> <div#Wrap> <div#Main> <h1>

# Indenting Text

If you press tab

While selecting the text

You can indent it

Without adding bullet points

# The Pros and Cons of Pie

- ✓ Pie is delicious
- ✓ I could eat a lot of pie
- ✓ I love pie
- ✓ Add your own animation you lazy buggers
- ✗ Pie is possibly too delicious
- ✗ Eating too much pie makes you fat
- ✗ I also like cheesecake



# Cake versus Pie

## Cake

- Sweet
- May contain cream
- Sometimes contains nuts

## Pie

- Savoury.... Usually
- May contain meat and gravy
- Doesn't usually have nuts

# Cake versus Pie versus...

## Cake

- Sweet
- May contain cream
- Sometimes contains nuts

## Pie

- Savoury.... Usually
- May contain meat and gravy
- Doesn't usually have nuts

## Potato

- I love potatoes

This slide has no title, it's basically made for a huge block of text. You can style this however you want.

This slide has no title, it's basically made for a huge block of text. You can style this however you want.

With a custom style, the boring slide is now super classy



This is a  
blank slide

Mainly for drawing shapes  
or small screenshots

You can do  
anything you  
want on this  
slide





# Thank you!

[info@ssw.com.au](mailto:info@ssw.com.au)

[www.ssw.com.au](http://www.ssw.com.au)

Sydney | Melbourne | Brisbane | Adelaide

Find me on Slideshare!

<http://www.slideshare.net/SSWconsulting>