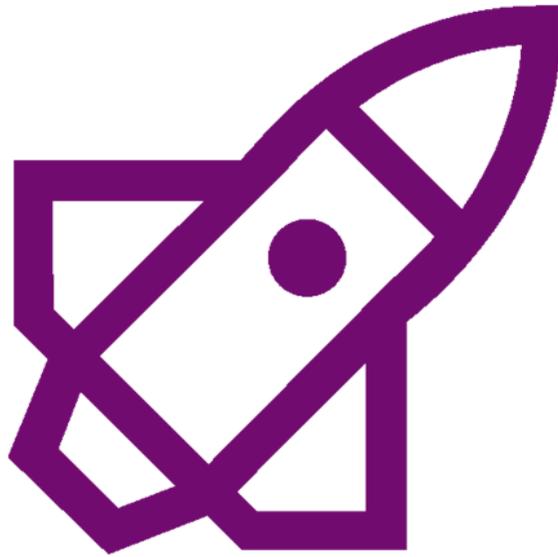


Hi, I'm Clive



Logic Apps



Agenda

- ▶ What are Logic Apps?
- ▶ Why should we use them?
- ▶ Logic Apps *vs* Competitors
- ▶ Demo

What are Logic Apps?

- ▶ IPaaS *Integration Platform as a Service*
- ▶ Simple way to implement scalable integrations and workflows in the cloud
- ▶ Automate your process as a series of steps

When a record is updated

Transform XML

Register in Datamart

If record requires action

Expand condition

IF YES

Create a new record

Slack - Post Message

Add an action | More

IF NO

Execute stored procedure

Add an action | More

Add to Service Bus topic

Why should we use them?

- ▶ Easy to use design tools
- ▶ Connect to existing services and APIs easily
- ▶ Get started quickly using templates
- ▶ Extensibility baked-in

Built-in API Connectors



SaaS

- Box
- Chatter
- Dropbox
- Azure HD Insight
- Slack
- Azure Media Services
- OneDrive
- SharePoint
- SQL Azure
- Office 365
- QuickBooks
- Salesforce
- Sugar CRM
- Dynamics CRM
- Azure Service Bus
- Azure Storage
- Timer / Recurrence
- Twilio
- Twitter
- Azure Web Jobs
- Yammer

Hybrid

- IBM DB2
- Informix
- Websphere MQ
- SQL Server
- SharePoint Server
- Oracle
- SAP
- Hybrid Connectivity

BizTalk Messaging & B2B

- Batching / Debatching
- Validate
- Extract (XPath)
- Transform (+Mapper)
- Convert (XML-JSON)
- Convert (XML-FF)
- X12
- EDIFACT
- AS2
- TPM
- Rules Engine
- Flat file

Protocols

- HTTP, HTTPS
- FTP, SFTP
- POP3/IMAP
- SMTP
- File
- Delay



Blank LogicApp



When a new file is created in Dropbox, copy it to OneDrive



If you approve a new file in SharePoint, move it to a different folder



Send me an email when a new item is added to a SharePoint Online list



Send me an email when a new file is added in SharePoint Online



Save my email attachments to a SharePoint document library



Post to Slack if a new tweet matches with some hashtag



Share my Tweets on Facebook



Save tweets to a SharePoint list



When a new member is added to a MailChimp list, ask me if I also want to add them to a Sharepoint list



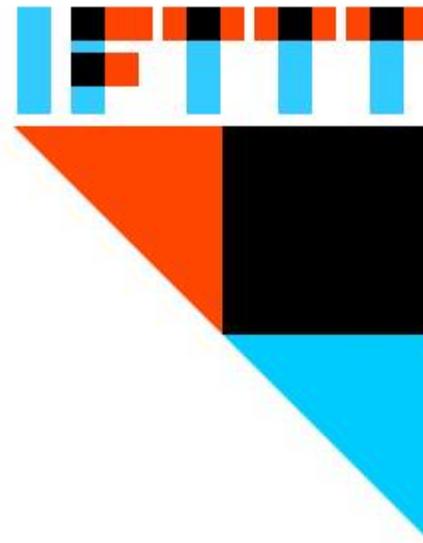
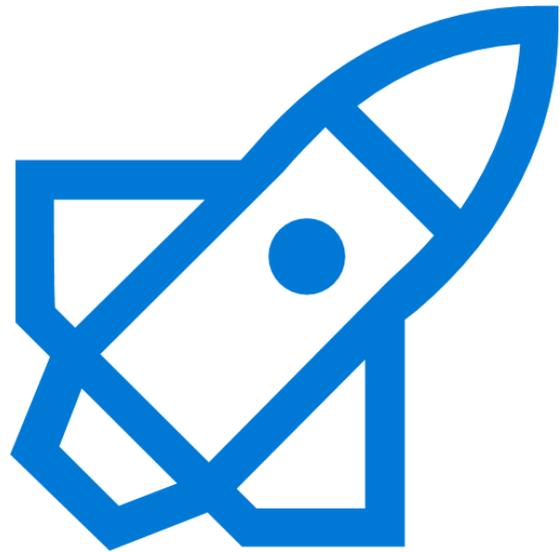
Share my new Instagram photos to Twitter



Deliver an SMTP email on new tweets



Logic Apps vs IFTTT



Logic Apps vs IFTTT

- ▶ IFTTT communication is unidirectional – response cannot be evaluated nor processed
- ▶ Logic Apps offer bidirectional communications

Logic Apps vs IFTTT

- ▶ IFTTT is more focused for non-technical users
- ▶ Logic Apps has more technical connectors and more options to automate your process
- ▶ Flow which uses the same engine as Logic Apps

Logic Apps vs IFTTT

- ▶ IFTTT is bound to the available connectors
- ▶ Logic Apps allow you to have custom Function Apps

Demo Time!



Let's Recap!



Logic Apps Recap

- ▶ Automates your processes as a series of steps
- ▶ Connect and interact with existing services and APIs
- ▶ If it doesn't exist, build it with Function Apps



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