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MP Webhooks





What is a webhook?

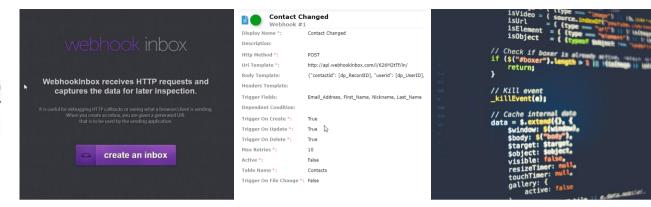
- User Defined HTTP Callbacks
- Event Triggered HTTP Call



Webhook Uses

- Synchronization of data to other systems
- External website cache reset
- Let your imagination run wild with possibilities
- More powerful processes

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Tools for Webhooks

- Webhook Inbox
- MinistryPlatform
- Programming language of your choice



Example Webhooks





Send Background Consent PDF

Webhook #339

Display Name *: Send Background Consent PDF

Description: CloudServices Webhook that creates PDF of Background Check

Consent form and emails.

Http Method *: POST

Uri Template *: https://localhost/CloudServices/api/BackgroundCheck/SendAuthorizati

Body Template: { "id":[dp RecordID], "userId": [dp UserID], "changeType": "

[dp AuditType]", "tableName": "Background Checks" }

Headers Template: Content-Type: application/json

Trigger Fields: Background_Check_Submitted

Dependent Background Check Submitted IS NOT NULL AND

Condition: Background_Check_Returned IS NULL AND

Background_Check_Type_ID IS NOT NULL

Trigger On Create *: False

Trigger On Update *: True

Trigger On Delete *: False

Max Retries *: 10

Active *: False

Table Name *: Background_Checks

Trigger On File False

Change *:





Display Name *: Contact Changed

Description: Webhook to sync Contact records between systems when Email or

name modified.

Http Method *: POST

Uri Template *: http://api.webhookinbox.com/i/5mW8zgOw/in/

Body Template: {"contactid": [dp RecordID], "userid": [dp UserID], "ch

{"contactid": [dp_RecordID], "userid": [dp_UserID], "changetype": [dp_AuditType], "tablename": "Contacts"}

. .

Headers Template:

Trigger Fields: Email_Address, First_Name, Nickname, Last_Name

Dependent

Condition:

Trigger On Create *: True

Trigger On Update *:True

Trigger On Delete *: True

Max Retries *: 10

Active *: True

Table Name *: Contacts

Trigger On File True

Change *:



MP Webhook Tokens

- [dp_RecordID]
 - Primary Key of record
- [dp_UserID]
 - UserId that modified / created record
- [dp_AuditType]
 - The type of event that triggered the webhook



Security

- We only send record / user Ids
 - NO data traverses the web callback
- Add Authorization or other header to authenticate to your endpoint
- Requires working knowledge of our API to fully implement



Flexibility

- Control Webhooks by action type Create, Update, Delete, File Change
- Control by Trigger Fields
- Control by Dependent Clause
- Retries (every 1 minute)
- You can Re-Run Webhook (Invocations)
- Header Control
- Get or Post with customization
- Add Custom Parameters to body, query or header



What can Webhooks Replace?

- Scheduled Jobs to Pull or Sync Data
 - Think closer to real time
- Expensive SQL Triggers
 - Can block / slow data flow or cause deadlocks



Deployment Options

- Through the Platform
- Through the REST API
 - You can create and monitor Webhooks through the REST API



Webhooks Demo



Question and Answer



We can't wait to see what you build with Webhooks!