Operation Notes

Openbadges Activity Rule Events: Google Forms Add-on Development release notes

[Version 1]



June 2022

Introduction

This document contains the release notes for *Openbadges Activity Rule Events - Google Sheets and Google Forms Add-on*.

What's new

Using the ActivityEvents api, there is now a Google Form Add-on. This allows a user to install the add-on into their chrome account and when filling in a Google Form, to send data to the activity events api. This can then issue badges if interacting with appropriate rules.

Each row of the sheet is a 'rule activity', meaning that when the rules processor receives the activities from the form it treats each activity as a single entity, checking if the rule has been satisfied as it goes along.

Walkthrough

1, Sign in to google forms, open a blank or existing forms.



- 2, Clack the three dot icon in the top right hand corner. And select get add-ons
- 3, Find Openbadges.me Forms add-on
- 4, give permissions to run.



5, Once installed you will see a an icon on the top right has side, that looks like a jigsaw peace. Select this icon and you will see a drop down menu for Openbadges.me Forms

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						Open	Badges	.me For	ms						
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	▶														

6, select settings.





7, In the settings you will configure the Openbadges api authentication key and token to use

SETTINGS
titlej.
API URL
https://events.openbadges.me/api/ac
API Key
TewVLus9ugTMnL9rghBLhmcgrZzP8
API Token
gBaRInMq2NmAy8dLhOrd7guELw6sv
Badge ID / Activity ID
\$[Issue a badge]
Extra properties
These are optional properties which
can be sent with the request when a

8, First sign into Openbadges as an admin then go to System Settings > API keys > Create

Authorisation Token	
To use the api's please note down the following authorisation t This will be needed as well as your api key. You will not be able this once you close this window.	oken. to view
This token will expire on: 11/06/2028	
if5oeiWEhrEUw38JzQSx8FP9ZLs7ALk1UVhb4fdEp2VVNkMWv	D
	Close

- 9, Note down the Authorisation Token as this will not be accessible once the modal has been closed
- 10, And once the modal is closed, note down the API Key Id
- 11, enter the API key



😣 openbadges.me	$\equiv \diamond$
	API Keys
	Search API keys
Brandon Cook m.cheung0+Brandon@gmail.com	API Key Id
	6JXrtq6thdomJbhgh66blePhEF8Jtl1bH2Zg8yn8sHQoKCHgZUjnUkWscTYh 🌓
ADMIN	
🕐 Dashboard	
🕈 Badges >	
Organisations/Groups	
📤 Users	
🛃 Reporting	
😂 System settings 🗸 🗸	
API keys	
lssuing rules	
Branding	

12, Now enter the api token

13, Badge ID/Activity ID

\$[NAME OF QUESTION] This is the questions you will make to relation to the "Issuing rule" in Openbadges.me

This needs to be related to the rule in place. The rule needs to be created in Rules-Based issuing in the site. The result of the question can then be the trigger to issue the badge.

SETTINGS	
titlej.	
API URL	
https://events.openbad	lges.me/api/ac
API Key	
FewVLus9ugTMnL9rgh	nBLhmcgrZzP8
API Token	
gBaRInMq2NmAy8dLh	Ord7guELw6sv
Badge ID / Activity ID	
\$[Issue a badge]	
Extra properties	
These are optional prop	perties which
can be sent with the re	quest when a





In this example the rule in place is the answer "Yes" to the question "Issue a badge" with the result needing to be "Yes" that is also in the rule, that is issued and recorded on the form in "Test form one"



14, in order for this rule to work and to put the specifications for this rule in place, it needs to be set up in "Rule based issuing"

15, Click create a new rule. And select singular rule. For a singular event to happen. Collection is for a series of events.

😑 🧘 🕲 Claim badge					📱 System Adminis	strator 🏚
Issuing rules						
Search rules					+ Crea	ate new rule
Name 🗢	ShortName 🗢	Description 🗢	Updated by 🗢	Completions 🗢	Enabled 🗢	Actions
Issueabadge	Issueabadge	Issueabadge	Phil Openbadges	2		



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Details Rule name: *
Rule name: *
Issue a badge
Rule short name:
issueabadge
Rule description:
demo badge issuing
Rule badge: *
Test Badge bce1170c-c7bb-4394-8807- 1b5d5022b85d Badge for testing Change badge
Rule start date: Rule end date:
(optional)

16, Give your badge a rule, short name and rule description. And include a start and expiry date if required.

17, when creating the Rule, the field in this case is a response to a question on the form. The form has the questions "Issue a badge" and the response to this needs to be yes. So in the creation of a rule, insert the relevant criteria in place to state this.

F	Rule					+ Save rule
	Yes	Value	✓ Text1 ✓	= ~	Yes	



Rule Parameter and Values Match Operators

When setting up a rule, depending on the condition you set, parameter values are made available:

- Text 1
- Text 2
- Date 1
- Integer 1
- Integer 2

These allow a rule to have syntax such as

• 'if the value supplied is equal to the value of <Text 1>, then be triggered'

Rule							
A	ctivity	Value	•	Text1	•	w	Value
				Text1			
				Text2			
				Int1			
				Int2			
				Date1			

Likewise, value match operators are made available according to the selected condition:

- e = 'equal to'
- <= 'less than or equal to'
- < 'less than'
- > 'more than'
- >= 'more than or equal to'
- != 'not equal to'
- 'between'

Rule				
Activity	Value	▼ Date1 ▼		Select date
			=	
			<	
			!=	



Rule conditions

A rule must specify a condition to operate on:

- Count
- Distinct Count
- Value
- Running Total
- Exists

Rule			
Activity Count	•	Value	
Count			
Distinct Count Value RunningTotal Exists			

Wed May 18 2022 Text 1 \$[Issue a badge] Text 2 Date	
Text 1 \$[Issue a badge] Text 2 Date	
\$[Issue a badge] Text 2 Date	
Text 2 Date	
Text 2	
Date	
Date	
Integer 1	
Integer 2	

18, Creating the Rule of a response "Yes" as the trigger for the activity ID being the questions [Issue a badge], and selecting "Text 1" as the field the rule conditions is pointing to. Creates the relevant question in the add-on settings under "Text 1"

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19, Make sure all your corresponding information for the user are captured. Make sure the user identifier is the users email as this will be used for the badge information

SETTINGS	_	×
\$[First name]		
Last name		
\$[Second name]		
Email Address		
\$[Email address]		
User Identifier		
\$[Email address]		
Activity Date		
Wed May 18 2022		
Text 1		
\$[Issue a badge]		

Using the examples above see how these correspond to the Demo form regarding data.

← → C ■ deca.google.com/lorm/d/15Vh3tymGRTM2bK3PyGriq66Tgxeake9d1Y9My1d5Inw/edit			요 ☆ 🗆 🔮 E
🔠 test form 1 🛅 🙀 All changes saved in Drive		D (7) (2)	ර ප අ Send E 🌘
	Ouestions Responses 🕼 Settings		
	test form 1 second APT Not libert		
	First name * More ressert test		
	Second name * Ditart-assee Ind		
	Email address * Ithert asseer test		
	III Issue a badge Tear or Nor Ishort answer ton	© D Tr 	SETTINOS Settings Properties can be dynamically retained from the form response using devicement of the set
	🗋 🔟 Required 💶 🗎	8	title]. ///www. https://events.sponbadges.me/api/acti
			Jun log TervYLusBagTMinLSighBLInnsgr220%br Jun Tolen BBBRINMgINMA496LID0037guBLw6s/T Balapi (1 / Antaly (1) BJJIssie a badgej



20, Once all the corresponding information is input in to the form and the Add-on. You can then send the form to the relevant people for completion. If the Rule is obeyed and the correct information (in this instance Text 1 = yes) a badge will be issued to the user, and sent to the user ID respectful of them having an openabages.me account or not.

Collect emails Second AF Link https://docs.google.com/forms/d/e/1FAIpQLSdpFZF2dt-kFWutsONC6Xr88qfwUf3nh: First name Shorten URL Cancel Copy		Send form ×	
second AF Link https://docs.google.com/forms/d/e/1FAIpQLSdpFZF2dt-kFWutsONC6Xr88qfwUf3nhi * First nam Shorten URL Short-ans Cancel	test	Collect emails Send via	
First nam Shorten URL * Cancel Copy	second AF	Link https://docs.google.com/forms/d/e/1FAIpQLSdpFZF2dt-kFWutsONC6Xr88qfwUf3nh	
	First nam	Shorten URL Cancel Copy	*

This can always be tested by using the share link in the send option.