

Send Messages to a Microsoft Teams Channel



Derek Pascarella

Updated 12 days ago

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Applies To: Ayehu NG

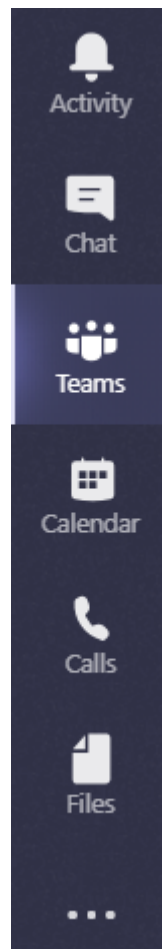
Description

Ayehu NG ships with very useful out-of-the-box **HTTP Request** activities that allow users to send data to REST/SOAP APIs with a JSON or XML-formatted payload. This unlocks the platform to communicate with a virtually endless list of third-party applications and services.

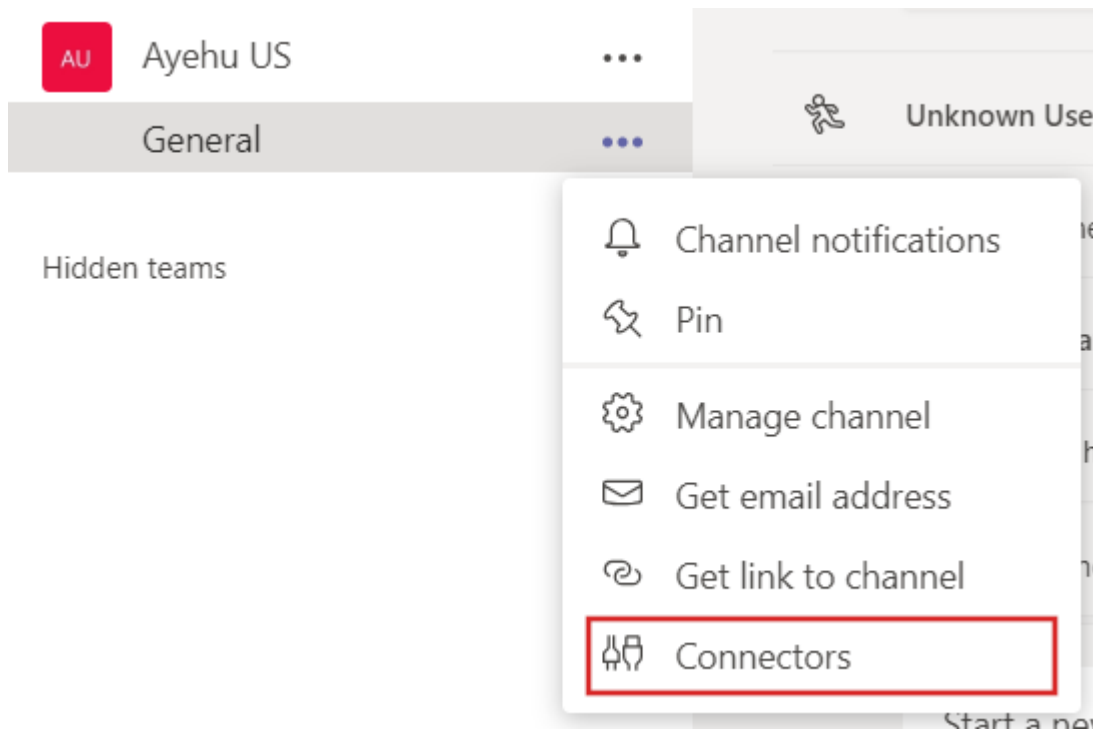
The **Microsoft Teams** messaging platform has a built-in **Incoming Webhook** feature that allows external applications to push data to it in order to send messages to a channel. This tutorial will outline the steps necessary to enable this feature in your own **Teams** instance, as well as configure a workflow to send a message to your **Teams** channels.

Microsoft Teams Configuration

Our first step is to configure the **Incoming Webhook** connector on the **Microsoft Teams** channel of your choice. To do this, navigate to the **Teams** view on your client.



From there, locate the channel you'd like to configure. Then, right-click on its name and on the menu that appears, click the **Connectors** entry.



On the window that appears, click the **Add** button to the right of the **Incoming Webhook** entry.

Connectors for "General" channel in "Ayehu US" team

Keep your group current with content and updates from other services.

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Connectors for your team



Forms
Easily create surveys, quizzes, and polls.


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All connectors




Azure DevOps
Collaborate on and manage software projects online.

Add




RSS
Get RSS feeds for your group.

Add




Incoming Webhook
Send data from a service to your Office 365 group in real time.

Add



Jira Cloud
Gather, organize, and assign issues detected in your software.


Add



Twitter

Add

Then, click the **Add** button on the left side of the window that appears.



Incoming Webhook

Utilities, Microsoft

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About

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Privacy and Permissions

Send data from a service to your Office 365 group in real time.

The Incoming Webhook connector enables external services to notify you about activities that you want to track.



















Notifications

Get notifications from the app in a channel

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Now, give your **Connector** a name and an optional icon. Then, click **Create**.

Connectors for "General" channel in "Ayehu US" team



Incoming Webhook

[Send feedback](#)

The Incoming Webhook connector enables external services to notify you about activities that you want to track. To use this connector, you'll need to create certain settings on the other service, which needs to support a webhook that's compatible with the [Office 365 connector format](#).

Fields marked with * are mandatory

To set up an Incoming Webhook, provide a name and select Create. *

Customize the image to associate with the data from this Incoming Webhook.

Upload Image



Default Image

Create

Cancel

Note: If you're a software developer and want to learn more about sending data to Office 365 using Incoming Webhook, see [Get started with Office 365 Connector Cards](#).

After creating the new **Incoming Webhook Connector**, a URL will be generated. Copy the URL and save it somewhere safe. We will be using this in our workflow to send messages from **Ayehu NG** to your **Microsoft Teams** channel.

Copy the URL below to save it to the clipboard, then select Save. You'll need this URL when you go to the service that you want to send data to your group.

`https://outlook.office.com/webhook/b76`



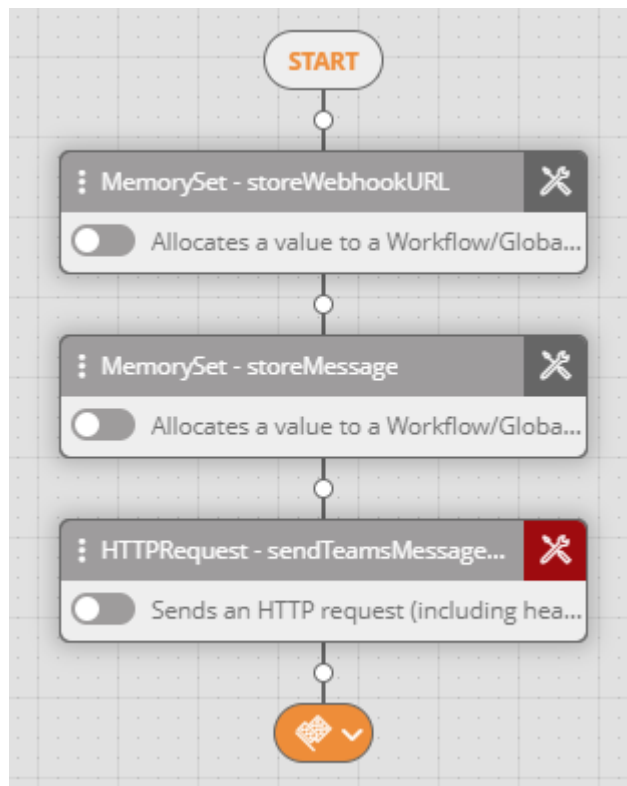
Save

Remove

Cancel

Workflow Overview

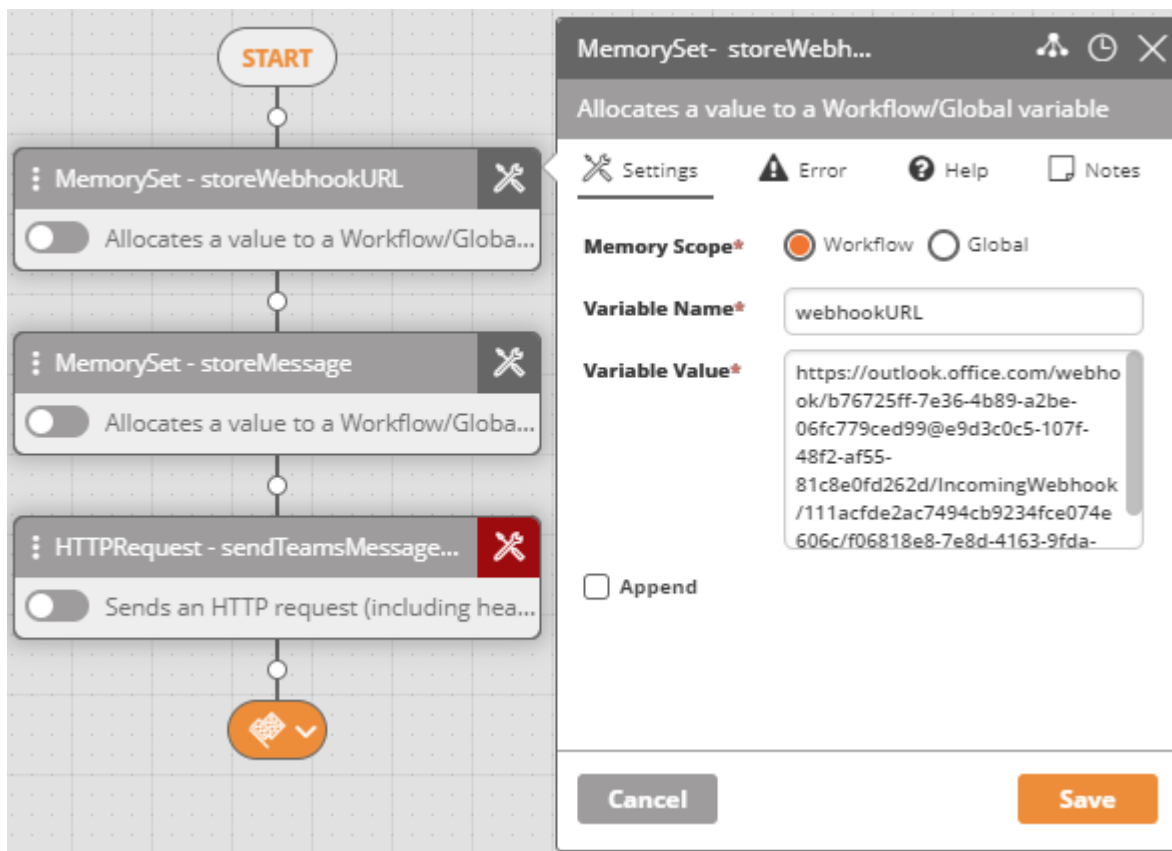
Below is a screenshot of an **Ayehu NG** workflow that will send the message of your choice to a **Microsoft Teams** channel. You can also download an export of this workflow attached to this article or on the Ayehu GitHub at <https://github.com/Ayehu/custom-workflows/blob/master/Send%20Message%20to%20Microsoft%20Teams/Microsoft%20Teams%20Send%20Message.xml>



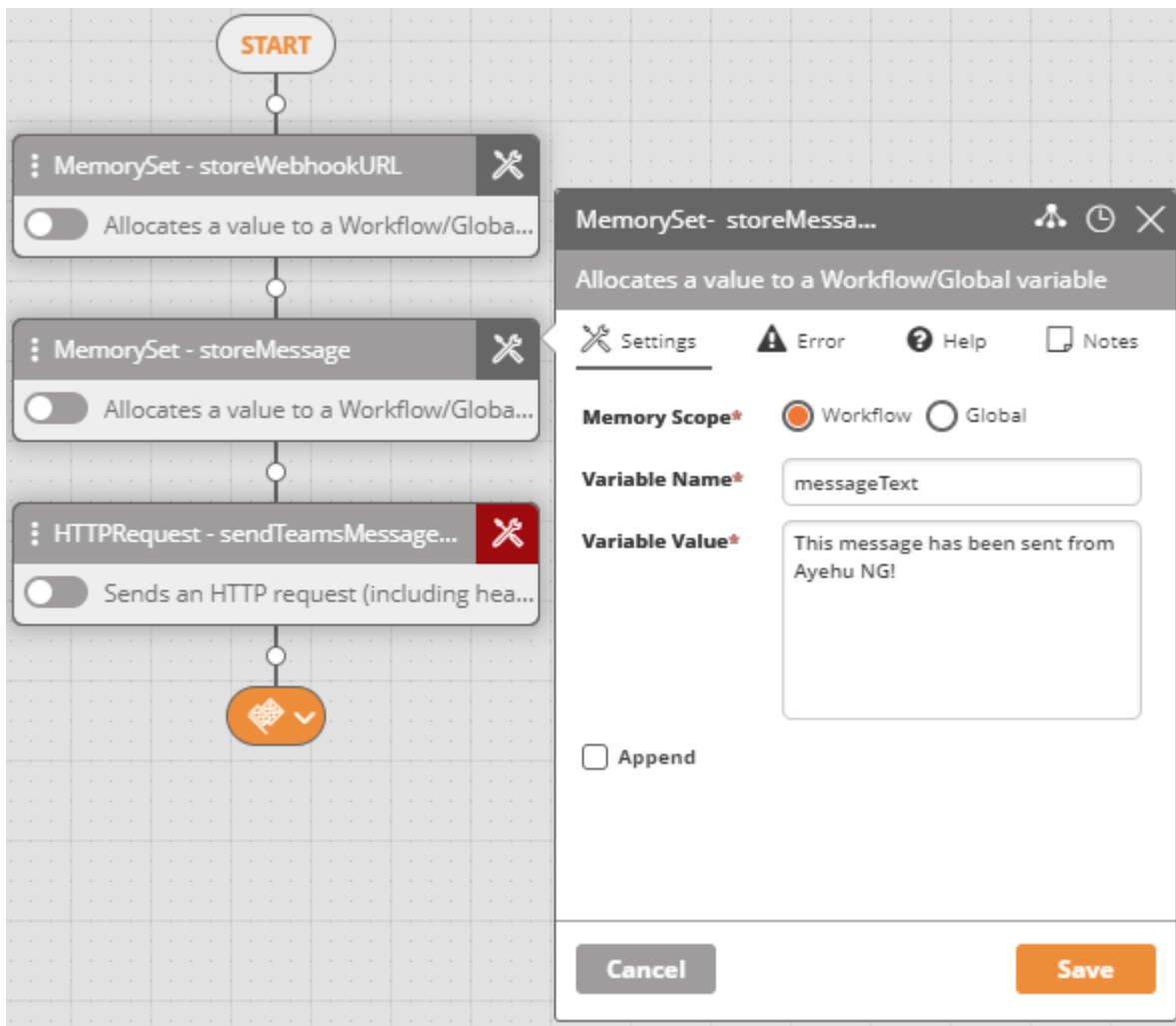
Activity Configuration

Now, let's look at each activity in this workflow, step-by-step. By doing so, you'll be able to follow along and implement these activities into your own workflows wherever you want to send a message to a **Microsoft Teams** channel.

Our first step is to store the URL generated when you configured your **Incoming Webhook Connector** by using a **MemorySet** activity and storing the URL in a variable named **webhookURL**.

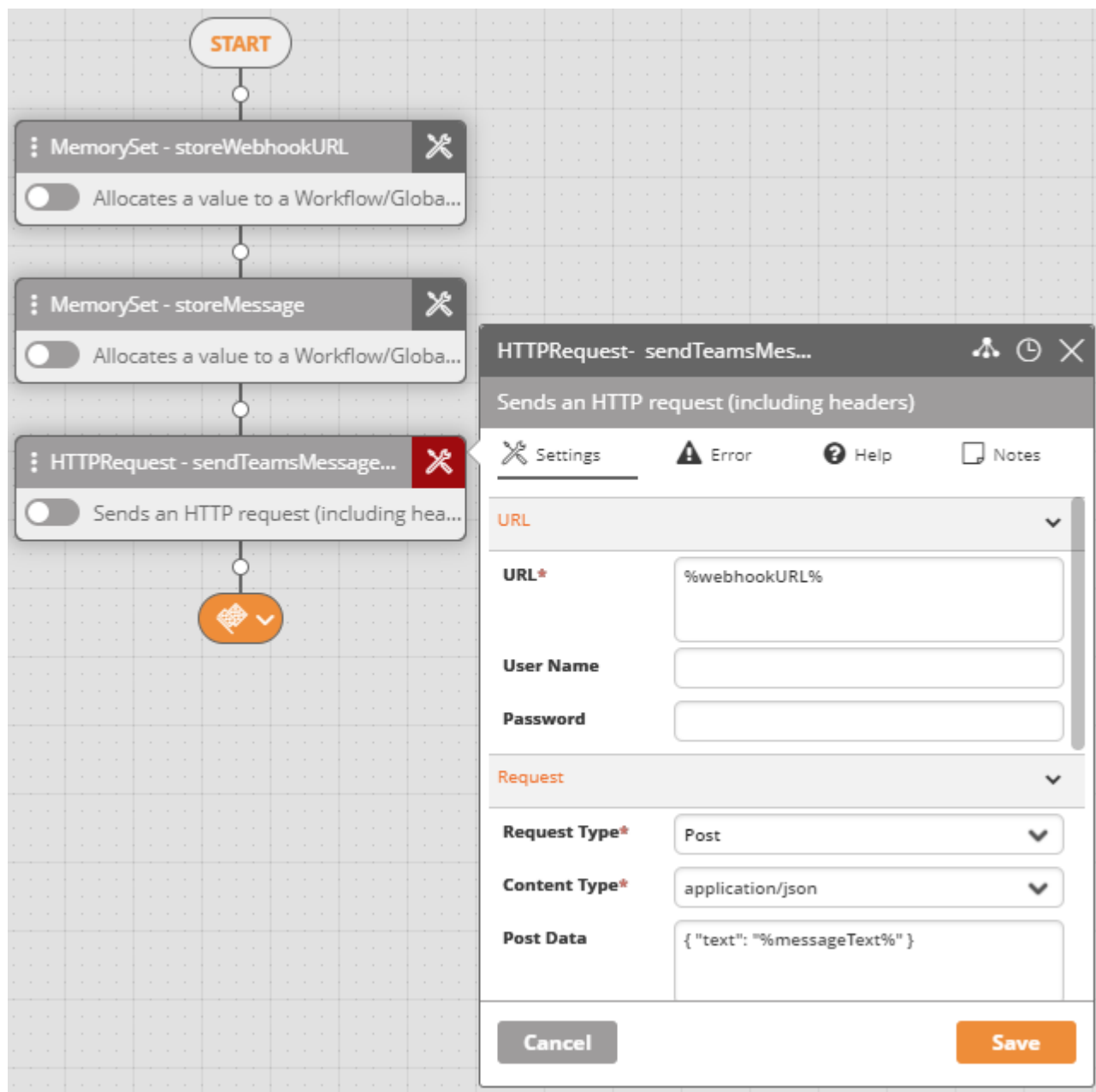


Our next step is to store our message text to be sent to **Microsoft Teams** using another **MemorySet** activity to create a variable named **messageText**.



Our final step is to use an **HTTPRequest** activity to send our message text to the channel configured earlier in this tutorial. Enter **%webhookURL%** in the **URL** field, select **Post** from the **Request Type** drop-down, select **application/json** from the **Content Type** drop-down, and for the **Post Data** field, use the following JSON:

```
{ "text": "%messageText%" }
```

Workflow Execution

Below is a screenshot of the **Workflow Execution Log** from the sample workflow used in this article.

Workflow Execution Log							
Date	Workflowname	Branch Name	Event Type	Activity Name	Status	Result	Remark
Dec 26, 2019, 12:54:28 PM	eyeShareTempWorkflowRun		Incoming event				
Dec 26, 2019, 12:54:28 PM	eyeShareTempWorkflowRun	Workflow Root	MemorySet	storeWebhookURL	Executed	Success	https://outlook.office.com/webho...>
Dec 26, 2019, 12:54:28 PM	eyeShareTempWorkflowRun	Workflow Root	MemorySet	storeMessage	Executed	Success	This message has been sent from ...>
Dec 26, 2019, 12:54:28 PM	eyeShareTempWorkflowRun	Workflow Root	HTTPRequest	sendTeamsMessage_HTTP	Executed	Result	>
Dec 26, 2019, 12:54:30 PM	eyeShareTempWorkflowRun		Terminate		Executed		

Click image to view full-sized version.

Back in **Microsoft Teams**, we can see that we received the following message in our channel.



AyehuTeamsBot 12:54 PM

This message has been sent from Ayehu NG!

← Reply

Microsoft Teams Send Message.xml

4 KB · Download




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