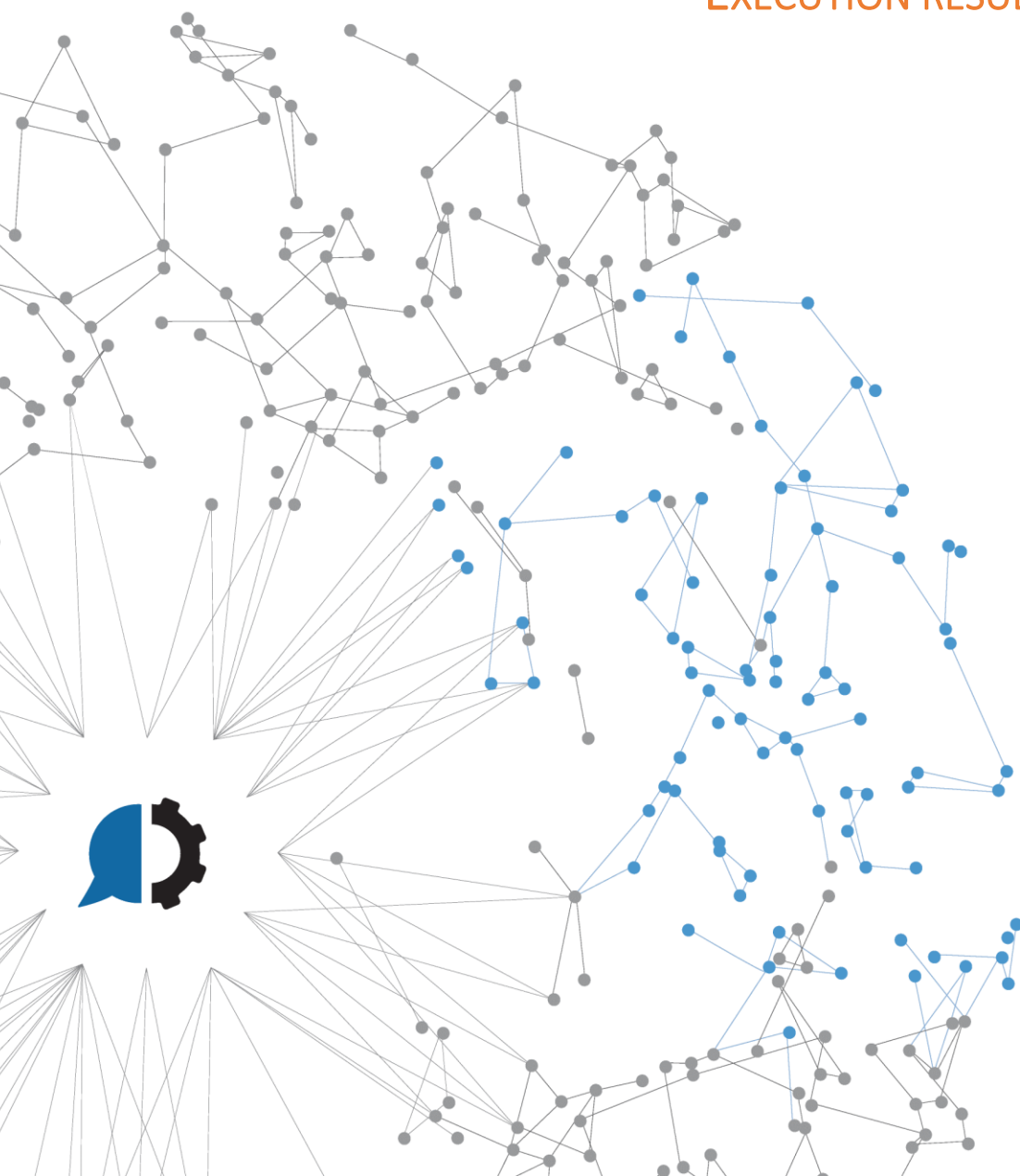




SLACK BOT

EXECUTION RESULT NOTIFICATIONS





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OVERVIEW

This how to guide introduces the *Slack Bot - Execution ~~R~~result ~~N~~otifications*. Instead of spending precious time and resources on repetitive, manual tasks, let Automate go to work and streamline your IT and business processes with robotic process automation. ~~With the help of Automate we~~ can take over manual steps which greatly reduces the repetitive activities and improves the quality and consistency of the work. The top processes being ~~a~~Automated are reports generation, file movement, data import and export, notifications, and scheduling batch processing.

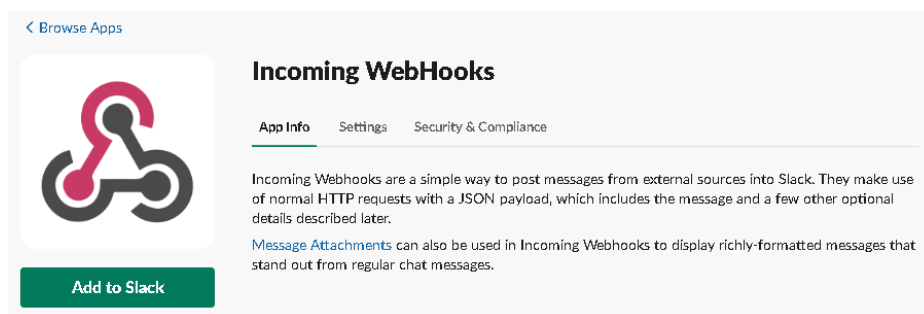
The *Slack Bot - Execution ~~R~~result ~~N~~otifications*, is based in the *Slack Incoming Webhook* connector/app. It sends custom notifications/messages to a particular Slack channel. It can be used within a Workflow execution, and you will be able to set the name of the task or workflow, the type of message (*Success or Failure*), and the cause in case of failure. In the case that you have HelpSystems Insite for Automate, you will also be able to set its URL in order to able to go directly to the Automate Enterprise Activity [view](#) from the notification to ~~see view~~ the details and manage the workflow's execution.

This way, your team will be always aware of the execution result of any critical automated process in your organization.



PREREQUISITES

- **Automate:** The Slack **botBOT** depends on Automate software in order to work. The minimal supported versions are:
 - [Automate Ultimate 11.2](#)
 - [Automate Plus 11.2](#)
 - [Automate Desktop 11.2](#)
- **Automate Markup Language file (.AML):** The primary file type used in Automate which contains the steps of our Slack **botBOT** task
- **Slack:** Our minimal requirements are:
 - **Slack App – Incoming Webhooks:** In order to install and configure the Incoming Webhook app you need to:
 1. Within Slack, open the Apps menu and search for Incoming Webhooks. Select it and then click on the “Add to Slack” button.





2. Select a posting channel to start using incoming Webhooks. If you don't have admin rights, ask your Slack admin to create a new Incoming Webhook. You can define a customize name and icon for your Slack Incoming Webhook connector. Save the settings.

Integration Settings

Post to Channel

Messages that are sent to the incoming webhook will be posted here.

integrations

or create a new channel

Webhook URL

Send your JSON payloads to this URL.
[Show setup instructions](#)

https://hooks.slack.com/services/T0131L7AEFK/B012GAJ6N86/3uZwVObao3C

[Copy URL](#) • [Regenerate](#)

Descriptive Label

Use this label to provide extra context in your list of integrations (optional).

Optional description of this integration

Customize Name

Choose the username that this integration will post as.

Automate Notificaciones

Customize Icon

Change the icon that is used for messages from this integration.

Upload an Image or Choose an emoji

Preview Message

Here's what messages from this integration will look like in Slack.

Automate Notificaciones APP 11:17 AM
This is what messages from this service will look like in Slack.

Save Settings

- **Slack Incoming Webhooks URL:** It represents the URL obtained in the step by step described before-above after clicking in Save Settings. It is associated with the Slack channel and the members to whom the notifications will be sent.
- **Automate constants to be created to set the Slack connection values:**
 - **const_SlackWebhookURL:** The Slack Webhook URL that you obtained before.

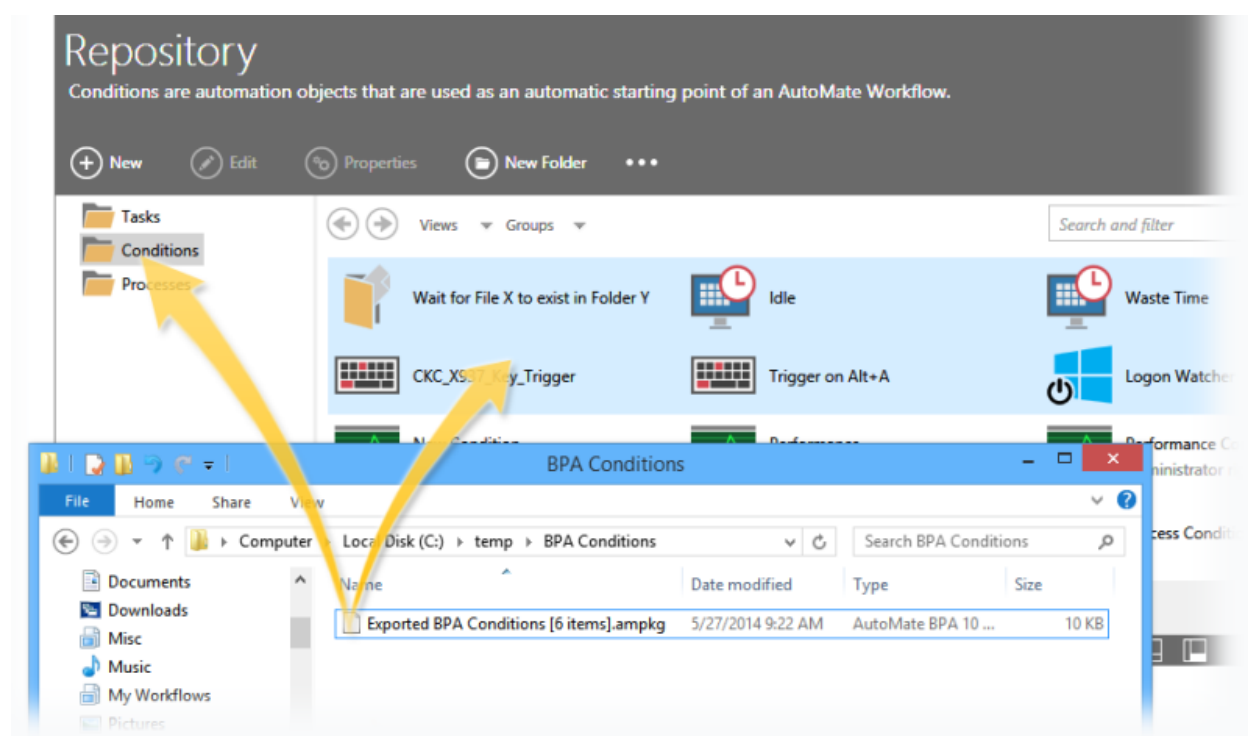


HOW TO IMPORT AN AUTOMATE TASK

Compatible file types can be imported to the repository via drag-and-drop.

From the [Server Management Console](#), navigate to the Repository section.

Drag the desired file(s) from its original location and drop them into the folder in the [SMC](#). Files can be dropped into the folder icon or the main panel (as shown below). Imported object(s) are automatically placed into their corresponding repository location.



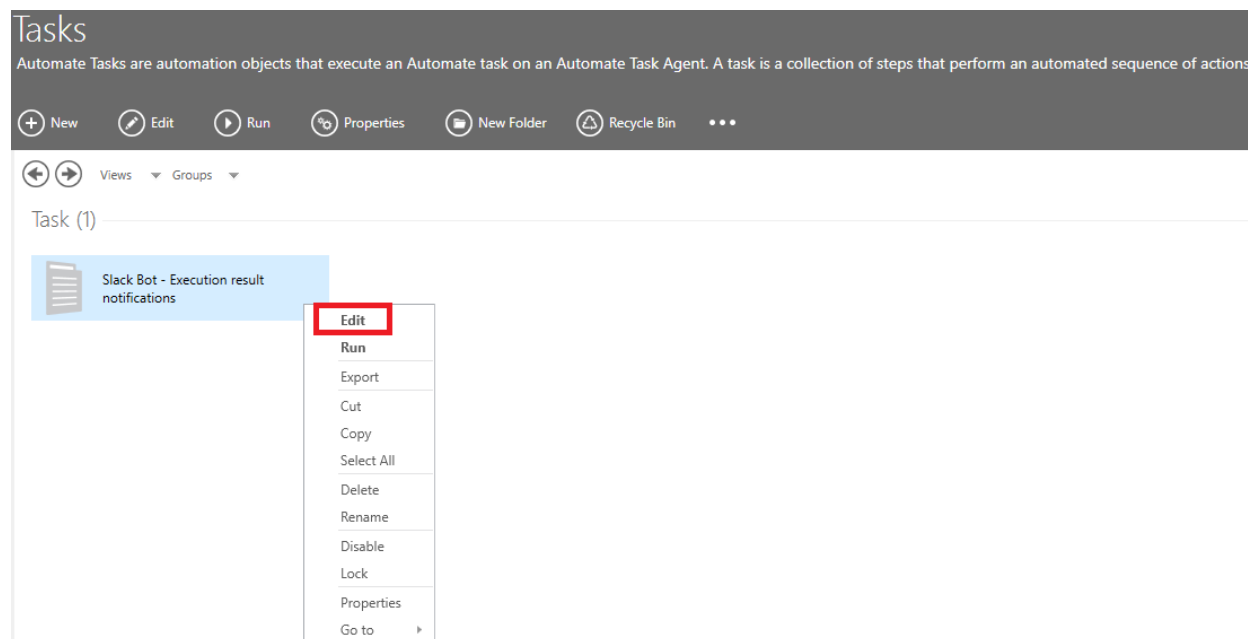


HOW TO EXECUTE THE SLACK BOT - EXECUTION RESULT NOTIFICATIONS

If this is the first time running this task, we will need to set some parameters.

Open the [Server Management Console](#) and locate the imported task.

Edit the imported task by right clicking on the task and selecting [edit](#).



From [step 2](#) edit the next variables according to you desired output:

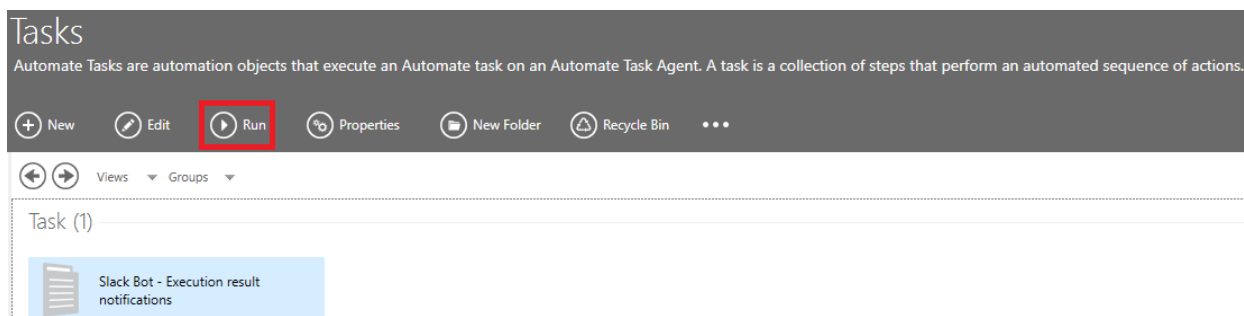
- **var_WorkflowName:** The name of the Workflow from within the task [that](#) was executed. By default we use the function "GetWorkflowName()" to get it automatically.
- **var_TaskName:** The name of the executed Task. By default [it](#) is set to "GetTaskName()" to get it automatically.
- **var_Execution_Result:** The result of the execution. [It](#) can be set to SUCCESS or FAILURE depending on the severity type of the message to be sent.
- **var_Execution_Critical_Message:** The text with the error cause in case of failed [edure](#) execution.
- **var_InsiteURL:** The URL for accessing HelpSystems Insite for Automate to manage the workflow executions.

Note: These variables can be set dynamically within a workflow by using shared variables.

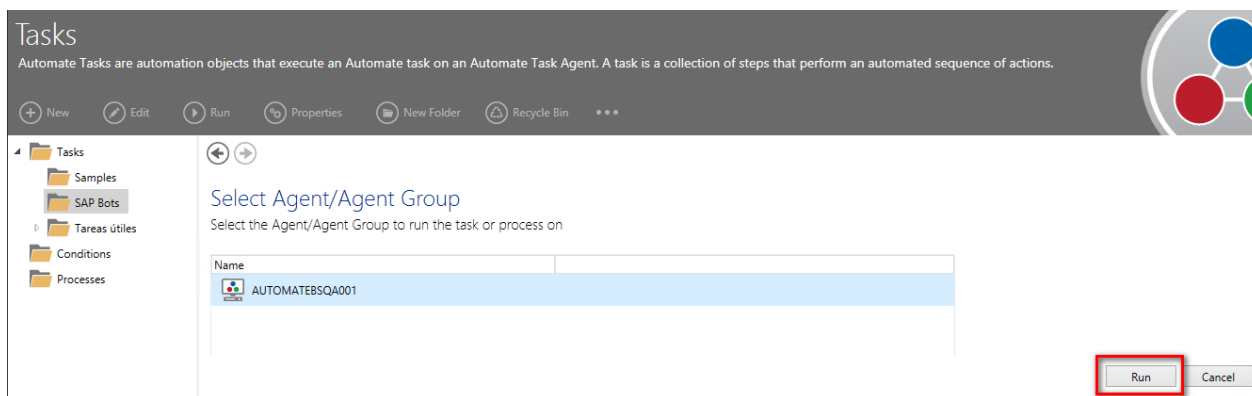
[Save and close](#) the task.



Select the task and click on [Run](#).




Select your [Agent](#) and click on [Run](#) again.





APPENDIX A – SLACK NOTIFICATIONS EXAMPLES

When execution succeeds:


 **Automate Notifications** APP 12:01 PM

✓ Workflow/Task has been executed ✓

Task Name	Date
Slack Bot - Execution result notifications	28/04/2020 12:01:06 PM
Result Status	
SUCCESS	

[Go to Insite for Automate...](#)

When execution fails:

 **Automate Notifications** APP 1:46 PM

⚠ Workflow/Task has been executed ⚠

Task Name	Date
Slack Bot - Execution result notifications	28/04/2020 1:46:35 PM
Result Status	
FAILURE	
Error found in execution!	

[Go to Insite for Automate...](#)



APPENDIX B – TROUBLESHOOTING

- **Logs:** Each iteration of our BOT creates a Log file for troubleshooting. You can locate the log file under C:\Automate\Tasks\<<TASK NAME>>. By Default, the task name is *Slack Bot - Execution result notifications*.



About HelpSystems

Organizations around the world rely on HelpSystems to make IT lives easier and keep business running smoothly. Our software and services monitor and Automate processes, encrypt and secure data, and provide easy access to the information people