ABBYY Vantage

Connector to process documents through ABBYY Vantage in N8N

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About the ABBYY Vantage connector for N8N

The ABBYY Vantage connector for n8n allows incorporating ABBYY Vantage Skills to process documents through ABBYY Vantage and fetch extraction data. This helps implement data extraction functionality in various automation workflows in n8n.

This connector retrieves unread emails from Outlook and downloads attachments, if present. These attachments are then sent to ABBYY Vantage via API for data extraction, and the extracted data is fetched via API for further use in workflows.

System requirements

You will require an ABBYY Vantage account, a valid subscription for ABBYY Vantage, and a Vantage user that is Skill User to process documents in Abbyy Vantage. The connector for N8N can be used with:

- ABBYY Vantage 2.4 or later
- N8N with free or paid version

Setting up the connector

To set up the connector, perform the following steps:

Importing the package

ABBYY Vantage Connector for N8N is a set of activities in a scenario on the N8N. This scenario can be used to within a user defined business process.

To import this connector, follow the below step:

- 1. Download the connector package.
- 2. This package is a json file, which is to be import in N8N.
- 3. Open a blank workflow in N8N.
- 4. Click on "Import from File".

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Abbyy Vantage connector for N8N

- 5. Select the downloaded json package file.
- 6. Click **Open**.

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Abbyy_Vantage_Connector	Ø	JSON File	53 KB					

7. Once the json file is imported in N8N, the workflow is available for automation.



Configuring the connector

To configure the ABBYY Vantage connector for N8N, you need to create a Public API Client in ABBYY Vantage and then perform the connector setup. This ensures secure and seamless communication between N8N and ABBYY Vantage.

Below are the detailed steps to complete the process of configuring the connector:

ABBYY Vantage Public API Client

To integrate ABBYY Vantage with the connector, create a Public API Client by following these steps:

- a) Go to Admin and Configuration in your ABBYY Vantage tenant.
- b) Navigate to Public API Client and create a new client.
- c) Save the Client ID and Client Secret generated, as they will be used as input parameters in the connector.
- d) Assign the role Skill User to the client and enable the Client Credentials flow in the OAuth 2.0 Flow Settings.

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Connector setup

To use the connector, use the below steps to configure the connector:

- 1. Open the workflow in N8N.
- 2. In "Abbyy Vantage Connector" workflow set the input values. For details about input variables and other steps refer to the "Notes" of the activity "Set input values" in N8N.



3. You can create global variables to store values in your workflow. To do this, go to the **Variables** section and add the variables.

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¢	Abbyy_Vantage_Client_Secret		<pre>\$vars.Abbyy_Vantage_Client_Secret</pre>	
	Abbyy_Vantage_Skill_Name		<pre>\$vars.Abbyy_Vantage_Skill_Name</pre>	
Admin Panel	Abbyy_Vantage_Transaction_ID	4aae3430-7e48-499b-b797-497dc00	<pre>\$vars.Abbyy_Vantage_Transaction_ID</pre>	
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4. To use a variable in your workflow, write {{ \$vars.<VariableName> }}. For example, to use a variable called Abbyy Vantage Base URL, write {{ \$vars.Abbyy_Vantage_Base_Url }}.

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5. For all "Email" activities in the workflow, set up your credentials by selecting your email account in the first email activity, **"Microsoft Outlook - Get email"**. Also, specify the Outlook folder from which emails should be retrieved.

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Using the connector

Once the connector configuration is complete, you can run the scenario for two types of cases:

- a) Processing new documents sent as email attachments.
- b) Checking the status of a transaction (created in the previous step) to either get the Manual Review Link or download the results if processing is complete.

The flow can be customized based on business needs using user-defined input parameters. The connector processes documents in Vantage and fetches extracted data via API for further processing.

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