



Informatica® Cloud Application Integration
October 2024

Chat with Amazon Bedrock Knowledge Base

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Table of Contents

- Preface 5**

- Chapter 1: Introduction to Chat with Amazon Bedrock Knowledge Base recipe..... 6**
 - Chat with Amazon Bedrock Knowledge Base recipe contents. 6
 - Chat with Amazon Bedrock Knowledge Base recipe assets. 7

- Chapter 2: Using the Chat with Amazon Bedrock Knowledge Base recipe..... 8**
 - Step 1. Copy and access the recipe. 8
 - Step 2. Configure and publish the Amazon Bedrock connection. 9
 - Step 3. Configure and publish the process. 9
 - Step 4. Publish and run the guide. 9

Preface

Use *Chat with Amazon Bedrock Knowledge Base* to learn how to ask questions based on the contents of the Amazon Bedrock Knowledge Base. This guide assumes that you have an understanding of the Amazon Bedrock Connector concepts.

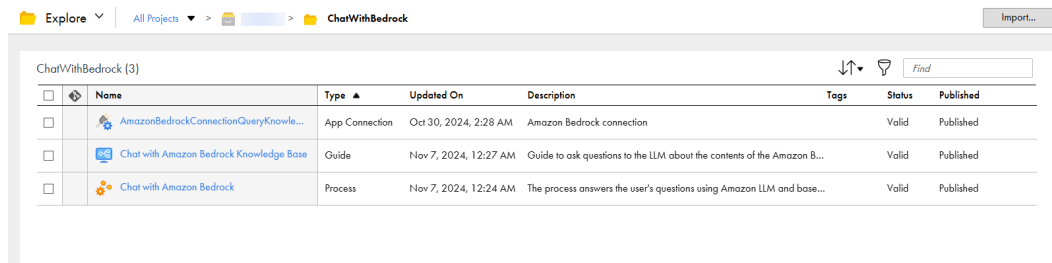
CHAPTER 1

Introduction to Chat with Amazon Bedrock Knowledge Base recipe

The Chat with Amazon Bedrock Knowledge Base recipe is based on REST and SOAP APIs. The recipe allows you to specify the Knowledge Base ID and provide a user prompt. The recipe conducts a context search within the specified knowledge base and answers the user's questions based on the knowledge base's contents using the Amazon Bedrock Large Language Model (LLM).

Chat with Amazon Bedrock Knowledge Base recipe contents

The Chat with Amazon Bedrock Knowledge Base recipe contains an app connection, a guide, and a process. The following image shows the assets that the Chat with Amazon Bedrock Knowledge Base recipe package contains:



Name	Type	Updated On	Description	Tags	Status	Published
AmazonBedrockConnectionQueryKnowle...	App Connection	Oct 30, 2024, 2:28 AM	Amazon Bedrock connection		Valid	Published
Chat with Amazon Bedrock Knowledge Base	Guide	Nov 7, 2024, 12:27 AM	Guide to ask questions to the LLM about the contents of the Amazon B...		Valid	Published
Chat with Amazon Bedrock	Process	Nov 7, 2024, 12:24 AM	The process answers the user's questions using Amazon LLM and base...		Valid	Published

Chat with Amazon Bedrock Knowledge Base recipe assets

The following table lists the assets that the Chat with Amazon Bedrock Knowledge Base recipe package contains:

Asset Name	Asset Type	Description
AmazonBedrockConnectionQueryKnowledgeBase	App connection	Amazon Bedrock connection.
Chat with Amazon Bedrock	Process	Process that answers the user's questions based on the Knowledge Base as context using the Amazon Bedrock Large Language Model (LLM).
Chat with Amazon Bedrock Knowledge Base	Guide	Guide that allows users to ask questions to the LLM about the contents of the Amazon Bedrock Knowledge Base. The user specifies the Knowledge Base ID and the context search is conducted within the specified knowledge base.

CHAPTER 2

Using the Chat with Amazon Bedrock Knowledge Base recipe

To use the Chat with Amazon Bedrock Knowledge Base recipe, you must perform the following steps manually:

1. Copy and access the recipe.
2. Configure and publish the Amazon Bedrock connection.
3. Configure and publish the process.
4. Publish and run the guide.

Step 1. Copy and access the recipe

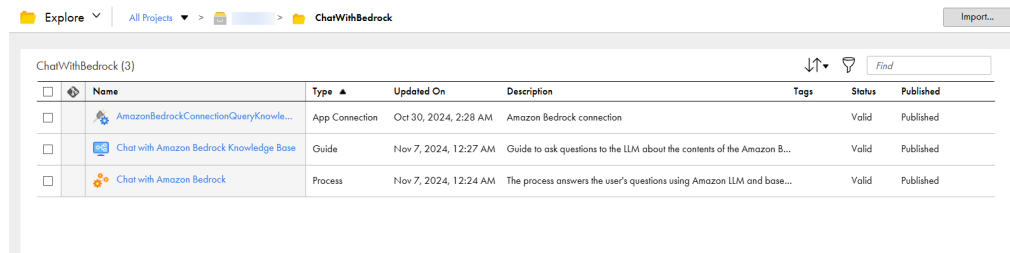
Copy the pre-configured assets in the recipe to a separate project or folder.

1. Open the **Chat with Amazon Bedrock Knowledge Base** recipe and click **Use**.
2. Select the location where you want to copy the recipe, and then click **Continue**.
3. In the **Copying the recipe** dialog box, click **OK**.

It might take some time for the recipe to get copied. You will receive a notification when the recipe is ready for use.

4. After the recipe is copied, click **Explore** to access the recipe content.
5. Navigate to the project or folder where you copied the recipe or enter the recipe name in the **Find** box.

All the assets in the recipe are displayed as shown in the following image:



Step 2. Configure and publish the Amazon Bedrock connection

Configure the access key, secret key, and region to connect to Amazon Bedrock, and then publish the AmazonBedrockConnectionQueryKnowledgeBase connection.

1. Open the **AmazonBedrockConnectionQueryKnowledgeBase** connection.
2. In the **Connection Properties** section, enter values for the following properties:

Property	Description
AccessKey	The access key to access Amazon Bedrock.
SecretKey	The secret key to access Amazon Bedrock.
Region	The region that hosts Amazon Bedrock.

3. Save and publish the connection.

Step 3. Configure and publish the process

Configure the Amazon LLM model version and publish the process.

1. Open the **Chat with Amazon Bedrock** process.
2. Optionally, on the **Temp Fields** tab of the Start step, in the **LLM_Model** field, you can change the version of the Amazon LLM model.
3. Save and publish the process.

Step 4. Publish and run the guide

You can ask questions to the Amazon Bedrock Large Language Model (LLM) about the context of the specified knowledge base.

1. Open the **Chat with Amazon Bedrock Knowledge Base** guide.
2. On the **Start** tab of the Start step, ensure that the **Run As** field is set to **Current User**.
3. Save and publish the guide.
4. On the **Actions** menu, click **Run**. Alternatively, you can copy the execution URL from the **Properties Details** dialog box to run the guide.
5. On the **Instructions** page, enter the knowledge base ID in the **Knowledge Base ID** field.
6. In the **Enter your question below** field, enter a question based on the specified knowledge base.
7. Click **Continue**.
You will receive a response from the LLM.
8. To ask the next question, click **Next Question**.

9. Enter new questions with the same context and click **Continue**.

You can also use the embed code to embed the guide into an HTML document of a third-party application.