Assistant API



Within the set of available APIs, GeneXus Enterprise AI offers one to create new assistants, modify their definitions, and retrieve their information.

Assistant API

Generic variables

Variable	Description
\$BASE_URL	The base URL for your GeneXus Enterprise AI installation.
\$SAIA_APITOKEN	An API token generated for each project.

Available methods

Method	Path	Description
GET	/assistant/{id}	Gets assistant data
POST	/assistant	Creates a new assistant
PUT	/assistant/{id}	Updates an assistant
DELETE	/assistant/{id}	Deletes an assistant
POST	/assistant/text/begin	Begins a text conversation with the GeneXus Enterprise AI Assistant
POST	/assistant/text	Sends a text prompt to the GeneXus Enterprise AI Assistant
POST	/assistant/chat	Sends a chat request to the GeneXus Enterprise AI Assistant
GET	/assistant/request/{id}/status	Retrieves the status of a request
POST	/assistant/request/{id}/cancel	Cancels a request

To use this API, we must consider the generic variables we already know: **&Base_URL** and **&SAIAAPiToken**.

In addition, a GeneXus Enterprise AI API token related to the scope of the organization is also required.

The methods available for this API are as follows.

For example, let's try the POST method that allows creating a new assistant.

Assistant API: POST assistant

cURL Sample

```
curl -X POST "$BASE_URL/v1/assistant" \
   -H "Authorization: Bearer $SAIA_PROJECT_APITOKEN" \
   -H "accept: application/json" \
   -d '{
        "type": "chat",
        "name": "TestAssistant",
        "prompt": "translate the following text to Esperanto"
}'
```

https://api.qa.saia.ai/v1/assistant

The corresponding cURL sample, which is available in the GeneXus Enterprise AI technical documentation, indicates that the URL must have the following format:

Therefore, in our example, the URL is as follows: <u>https://api.qa.saia.ai/v1/assistant</u> where this part corresponds to the content of the variable BASE_URL applied to our context.

Assistant API: POST assistant

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PROJECT OPTIONS	CREATE NEW		Na	se Contains ~	Status All	•]			
nationard	Name 1	Description ~	Status •						
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Good. We enter Postman and declare the POST.

Note that the authorization type is Bearer and a Project Api Token is required.

So, from the platform, we go to the Api Tokens option and copy the default.

We go back to Postman, and define the authorization required.

In type, we enter Bearer token and paste the token.

To define the body we need to indicate the type of assistant, its name and prompt.

We intend to create a chat assistant that will return the translation into French of a short paragraph entered by the user.

Its name will be "MyFrenchAssistant" and the prompt will say that it is a personal assistant. The user enters a short paragraph and the expected response is its translation into French. For example, for the input "My name is Alejandra and I live in Uruguay. We are in autumn." the expected answer is "Je m'appelle Alejandra et je vis en Uruguay. C'est l'automne."

In the Body tab, we select Raw, JSON, and define the structure.

The type of assistant is Chat, its name is MyFrenchAssistant, and we paste

the prompt we mentioned before.

We click on Send and see the answer with the creation of the assistant.

Among the information provided, we see that revision 1 was created; that is, the first version of the assistant definition (remember that an assistant can have several revisions). We will take special note of the Id, since it is a necessary parameter for the execution of other API methods, such as GET, PUT and DELETE.

Testing the assistant: Edit prompt

PROJECT OPTIONS	FrenchAssistant (Revision: 1)		LLM Settings
ft Dashboard	Frompt	User input	Provider
Assistants	The user proposes a small paragraph, and the expected response is its translation into French. For example, for the input	Helio, show are you? Fin yory happy today?	openai 👻
RAG Assistants	"No name is Alejandra and Tilve in Unuquary. We are in automout, the expected response is the mispagile Alejandra of Jovision		Madel
Playground	Urugaey, Cest Foutomme."		Temporature
Requests			0.10
Api tokens			Mix output Tokens
Le Nembers			1024
ORGANIZATION OPTIONS		Response	
Projects		Ronjour, comment ça va 7.5e suls três heureux aujourd'hul.	
General dashboard			
E Nembers			
Api Tokens			

Now we want to test it, and for that we have several options.

One option is to enter directly to the platform and verify that MyFrenchAssistant is defined.

We can see the defined prompt, enter an input and test it.

For example, let's say "Hello, how are you? I am very happy today." We click on Test and see its translation into French.

Testing the assistant: Playground

FrenchAssistant		Genilia Innymik / Assistent: Prench/Assistant 🤤		→	+ New prompt
Chat with LLWs	8	Uniquely is a country in South America, its capital is Montavideo.			
🕼 Search with Coogle					
Create Images	0	L'Uruguay est un pays d'Amérique du Sud. Sa capitale est Montevideo.	ŵ		Burrer 1
MarketingAssistant					
WeathenAssistant					
This assistant allows you to chat with OXTraining					
+ Now chat					
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ト My secolute の力					
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when do incost to define a s.					
C Winston Interference					
Clear conversations		C Regenerate response			
😝 Settings	Г	Type simpler.pr	₽		
🕞 Log out		Talkins with Provebausalant			

Very good. Let's test it from the Playground as well.

We select the assistant, create a new chat, and this time we say that "Uruguay is a country in South America. Its capital is Montevideo."

And we see its translation.

Testing the assistant: Postman API Platform

cURL Sample

<pre>curl -X POST "\$BASE_URL/chat" \ -H "Authorization: Bearer \$SAIA_PROJECT_APITOKEN" \ -H "Content-Type: application/json" \ data '{</pre>
"model": "saia:assistant:translate-to-spanish", "messages": [
{ "role": "user".
"content": "Hi, welcome to GeneXus Enterprise AI!!"
1.
"stream"; true }'

Chat API

https://api.qa.saia.ai/chat

Perfect. We also have to test it via API, and for that we are going to use the chat API. The cURL sample is the one currently shown and that we have already used before.

We are going to define a POST, and the URL will be as follows: <u>https://api.qa.saia.ai/chat</u>

Testing the assistant: Postman API Platform

亚 https://api.qa.saia.ai/chat	🖾 Save 🗸 🖉	
POST v https://api.qa.saia.ai/chat	Send 🗸	
Params Authorization • Headers (9) Body • Pre-request Script Tests Settings	Cookies	
○ none ○ form-data ○ x-www-form-urlencoded O raw ○ binary ○ GraphQL JSON ~	Beautify	
<pre>2 "BOGE': "Salalassistanti/renormasistant", 3 "Bossages": [4</pre>	ate the implementation of artificial intelligence- tations."	
8	(理 https://api.qa.saia.ai/chat	🖾 Seve 🗸 🖉 🗄
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	Pretty Raw Preview Vaualize 250N v 55	6
	<pre>1 {</pre>	nus facilites la mise en muse d'envistants regir aunc les opérations actualies.'

We go back to Postman and define the POST.

The authorization is Bearer and we need a Project Api Token. Therefore, we go to Platform, Api Tokens, copy the Default, and paste it.

We go to Body, Raw, JSON and define the body of the request.

Remember that "Model" corresponds to the type of assistant followed by its name.

So we indicate the type "assistant" and the name "MyFrenchAssistant."

Also, remember that Messages defines a message to be added, where "content" corresponds to the user's input.

We type as input that "GeneXus Enterprise AI is a business platform designed to facilitate the implementation of artificial intelligence assistants. These assistants can be integrated and interact with current operations."

If necessary, we could indicate other parameters, such as determining the revision of the assistant to be used. In this case, we have only one and it is active by default, so it is not necessary to indicate it.

We select Send, and see the answer.

GeneXus by Globant

Assistant API: DELETE assistant

cURL Sample

```
curl -X DELETE "$BASE_URL/v1/assistant/{id}" \
   -H "Authorization: Bearer $SAIA_PROJECT_APITOKEN" \
   -H "accept: application/json"
```

"assistantId": "be96910c-d008-4697-846d-38accdf220e8",

https://api.qa.saia.ai/v1/assistant/be96910c-d008-4697-846d-38accdf220e8

To finish, we are going to delete the assistant that we have created and tested through all the options.

For that, we are going to use the Delete method, which requires the AssistantId as parameter.

The Id of our assistant that we want to delete is the one displayed.

Therefore, the required URL is as follows:

https://api.qa.saia.ai/v1/assistant/be96910c-d008-4697-846d-38accdf220e8

We also need a Project Api Token for authorization.

Assistant API: DELETE assistant

DELETE V htt	os://api.ga.sala.al/v1/asr	estant/be96910c-d008-4697-846d-38	accdf220e8	Ser	nd v					
Params Authorization	Headers (7) E	ody Pre-request Script Tests	Settings		Cookies					
Type Bearer Token V		Heads up! These parameters ho recommend using variables. Let	Id sensitive data. To keep this data secure while working in a coll am more about <u>variables</u> .	aborative environment,we	×					
The authorization header generated when you send more about <u>Bearer Token</u>	will be automatically I the request. Learn authorization.	Token	default.OuKSBwzgSLINEHwUF- GVOQCI (29YHYNBGAHAngtOLSanFige28cOr SS0xsehujogTRDeedtcOOdb.2WelaadDiRimS gKXA48 toldgeKUNIbin/3Xws/SW1-							
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We go to Postman and define the request. We select Send.

There are no errors, and if we go back to the platform, we can confirm that the assistant was deleted.



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