

Newman Report

Collection
Grok_xAI_LinaGorelik
Time
Thu Jul 17 2025 15:03:14 GMT-0500 (Central Daylight Time)
Exported with
Newman v6.1.2

Total
Failed
Iterations
1
0
Requests
7
0
Prerequisite Scripts
10
0
Test Scripts
14
0
Assertions
176
0

Total run duration
36.4s
Total data received
4.06KB (approx)
Average response time
2s

Total Failures
0

Requests

List of Groks
<div><div>Description</div><div>## API Endpoint: Retrieve Models</div><div><div>### Request</div><div><div>- **Method**: `GET`</div><div>- **Endpoint**: `https://api.x.ai/v1/models`</div></div><div><div>### Description</div></div></div></div>

This endpoint retrieves a list of models available in the system. It does not require any request parameters.

Response

- ****Status Code****: `200 OK`
- ****Content-Type****: `application/json`

Response Format

The response will be in JSON format and will contain the following structure:

```
`` json
{
  "data": [
    {
      "id": "",
      "created": 0,
      "object": "",
      "owned_by": ""
    }
  ],
  "object": ""
}

...

```

- ****data****: An array of model objects, each containing:
 - ****id****: A unique identifier for the model.
 - ****created****: A timestamp indicating when the model was created.
 - ****object****: The type of object returned.
 - ****owned_by****: The identifier of the owner of the model.
- ****object****: A string indicating the type of response object.

This endpoint is useful for clients to fetch and display the available models for further operations.

Method

GET

URL

<https://api.x.ai/v1/models> (<https://api.x.ai/v1/models>)

Mean time per request

487ms

Mean size per request

647B

Total passed tests

45

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Backend is available, response code is 200	1	0
Status code is 200	1	0
Successful POST request	1	0
Response assertions	1	0
Response time is less than 1000ms	1	0
Response Size is less than 2600b	1	0
Check ID grok-2-1212	1	0
Check Created grok-2-1212	1	0
Check Object grok-2-1212	1	0
Check Owned By grok-2-1212	1	0
Check ID grok-2-vision-1212	1	0
Check Created grok-2-vision-1212	1	0
Check Object grok-2-vision-1212	1	0
Check Owned By grok-2-vision-1212	1	0
Check ID grok-3	1	0
Check Created grok-3	1	0
Check Object grok-3	1	0
Check Owned By grok-3	1	0
Check ID grok-3-fast	1	0
Check Created grok-3-fast	1	0
Check Object grok-3-fast	1	0
Check Owned By grok-3-fast	1	0
Check ID grok-3-mini	1	0
Check Created grok-3-mini	1	0
Check Object grok-3-mini	1	0
Check Owned By grok-3-mini	1	0

Name	Pass count	Fail count
Check ID grok-3-mini-fast	1	0
Check Created grok-3-mini-fast	1	0
Check Object grok-3-mini-fast	1	0
Check Owned By grok-3-mini-fast	1	0
Check ID grok-4-0709	1	0
Check Created grok-4-0709	1	0
Check Object grok-4-0709	1	0
Check Owned By grok-4-0709	1	0
Check ID grok-2-image-1212	1	0
Check Created grok-2-image-1212	1	0
Check Object grok-2-image-1212	1	0
Check Owned By grok-2-image-1212	1	0
Check Object	1	0
Check Data Length	1	0
Check Response Time	1	0
Check Status Code	1	0
Check Response Size	1	0
Header is correct	1	0
Response should be okay to process	1	0

Single Prompt

Description

Request

- **Purpose**: Used for general text generation tasks where you provide a single prompt, and the model generates a continuation or response.

- **Use Case**: Ideal for simple, one-off text completions, such as generating text, answering a question, or continuing a story without a conversational context.

- **Request Structure**: Expects a single prompt field in the JSON payload

Response:

- **Response**: Returns a single text output, typically in a field like `choices[0].text`.

- **Behavior**: Treats the input as a standalone prompt without maintaining conversational context.

Use:

Use /completions for simple, non-conversational tasks like generating a story, summarizing text, or answering a single question without needing context.

Method
POST
URL
https://api.x.ai/v1/completions (https://api.x.ai/v1/completions)

Mean time per request
689ms

Mean size per request
807B

Total passed tests
30
Total failed tests
0

Status code
200

Tests		
Name	Pass count	Fail count
Backend is available, response code is 200	1	0
Status code is 200	1	0
Successful POST request	1	0
Response assertions	1	0
Response time is less than 1000ms	1	0
Response Size is less than 2600b	1	0
Content-Type is present	1	0
Header is correct	1	0
Check Response Body	1	0
Check Response Body for 'finish_reason'	1	0
Check Response Body for 'model'	1	0
Body contains string id	1	0

Name	Pass count	Fail count
Check if 'id' is present in the response body	1	0
Check if 'object' is present in the response body	1	0
Check Tokens qty	1	0
Response should contain 'choices' array	1	0
Check if 'choices' array contains expected properties	1	0
Check Image Tokens	2	0
Check Completion Tokens	1	0
Check Total Tokens	1	0
Check Audio Tokens	2	0
Check Cached Tokens	1	0
Check Reasoning Tokens	1	0
Check Accepted Prediction Tokens	1	0
Check Rejected Prediction Tokens	1	0
Check Num Sources Used	1	0
Check 'system_fingerprint'	1	0
Response should be okay to process	1	0

Multi-Turn Dialogue-1

Description
Request

- **Purpose**: Designed for conversational interactions, supporting multi-turn dialogues where the model maintains context across a series of messages.

- **Use Case**: Best for chat-like applications, such as building a chatbot, simulating a conversation, or handling back-and-forth queries (e.g., customer support or interactive Q&A).

- **Request Structure**: Expects a messages array, where each message has a role (system, user, or assistant) and content. This allows you to define the conversation flow, including system instructions.

Response:

- **Response**: Returns the assistant's reply in a structured format, typically in `choices[0].message.content`, preserving the conversational context.

- **Behavior**: Maintains dialogue history within the messages array, enabling coherent multi-turn conversations.

Use:

Use /chat/completions for conversational applications where you need to simulate a dialogue, maintain context, or provide system-level instructions (e.g., "Act as a teacher").

Method
POST
URL
https://api.x.ai/v1/chat/completions (https://api.x.ai/v1/chat/completions)

Mean time per request
440ms

Mean size per request
620B

Total passed tests
31
Total failed tests
0

Status code
200

Tests		
Name	Pass count	Fail count
Backend is available, response code is 200	1	0
Status code is 200	1	0
Successful POST request	1	0
Response assertions	1	0
ID is present	1	0
Response time is less than 3000ms	1	0
Response size is less than 15000B	1	0
Header is present	1	0
Header is correct	1	0
Check Response Body	1	0
Check Response Body for 'model'	1	0
Response body contains 'id' field	1	0
Body contains string id	1	0

Name	Pass count	Fail count
Check if 'id' is present in the response body	1	0
Check if 'object' is present in the response body	1	0
Check Tokens qty	1	0
Response should contain 'choices' array	1	0
Check Image Tokens	2	0
Check Completion Tokens	1	0
Check Total Tokens	1	0
Check Text Tokens	1	0
Check Audio Tokens	2	0
Check Cached Tokens	1	0
Check Reasoning Tokens	1	0
Check Accepted Prediction Tokens	1	0
Check Rejected Prediction Tokens	1	0
Check Num Sources Used	1	0
Check 'system_fingerprint'	1	0
Response should be okay to process	1	0

Continuing with Dialogue-2

Description

****Build the Next Request**:**

- To continue the conversation, include the previous messages (system prompt, user's ".....", and assistant's ".....") and add the new user message.

Method

POST

URL

<https://api.x.ai/v1/chat/completions> (<https://api.x.ai/v1/chat/completions>)

Mean time per request

526ms

Mean size per request

700B

Total passed tests

32

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Response does not exceed 30 tokens	1	0
Backend is available, response code is 200	1	0
Status code is 200	1	0
Successful POST request	1	0
Response assertions	1	0
Body contains string id	2	0
Response time is less than 3000ms	1	0
Response size is less than 15000B	1	0
Content-Type is present	1	0
Header is correct	1	0
Check Response Body	1	0
Check Response Body for 'model'	1	0
Response body contains 'id' field	1	0
Check if 'id' is present in the response body	1	0
Check if 'object' is present in the response body	1	0
Check Tokens qty	1	0
Response should contain 'choices' array	1	0
Check Image Tokens	2	0
Check Completion Tokens	1	0
Check Total Tokens	1	0
Check Text Tokens	1	0
Check Audio Tokens	2	0
Check Cached Tokens	1	0
Check Reasoning Tokens	1	0
Check Accepted Prediction Tokens	1	0
Check Rejected Prediction Tokens	1	0
Check Num Sources Used	1	0
Check 'system_fingerprint'	1	0
Response should be okay to process	1	0

Dialogue through GET

Method

POST

URL

https://api.x.ai/v1/chat/completions (https://api.x.ai/v1/chat/completions)

Mean time per request

442ms

Mean size per request

53B

Total passed tests

9

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Backend is available, response code is 200	1	0
Status code is 200	1	0
Successful POST request	1	0
Response assertions	1	0
Response time is less than 3000ms	1	0
Response size is less than 15000B	1	0
Header for keys is present	1	0
Header is correct	1	0
Response should be okay to process	1	0

Get Dialogue

Description

GET Request:

Retrieve the result via https://api.x.ai/v1/chat/deferred-completion/{request_id}:

First:

You send a POST request to `https://api.x.ai/v1/chat/completions` with `"async": true`, which returns a `request_id` (e.g., `{"request_id": "some-unique-id"}`) instead of the full response.

Method
GET
URL
`https://api.x.ai/v1/chat/deferred-completion/4248c387-faa5-ac3c-3864-263099be4e75` (`https://api.x.ai/v1/chat/deferred-completion/4248c387-faa5-ac3c-3864-263099be4e75`)

Mean time per request
273ms

Mean size per request
700B

Total passed tests
20
Total failed tests
0

Status code
200

Tests		
Name	Pass count	Fail count
Status code is 200 or 202	1	0
Response time is less than 3000ms	1	0
Response size is less than 15000B	1	0
Header for keys is present	1	0
Header is correct	1	0
Check if 'object' is present in the 'response'	1	0
Check Tokens qty	1	0
Response should contain 'choices' array	1	0
Check Completion Tokens	1	0
Check Total Tokens	1	0
Check Text Tokens	1	0
Check Audio Tokens	2	0
Check Image Tokens	1	0
Check Cached Tokens	1	0
Check Reasoning Tokens	1	0

Name	Pass count	Fail count
Check Accepted Prediction Tokens	1	0
Check Rejected Prediction Tokens	1	0
Check Num Sources Used	1	0
Check 'system_fingerprint'	1	0

Create image

Method

POST

URL

<https://api.x.ai/v1/images/generations> (<https://api.x.ai/v1/images/generations>)

Mean time per request

11.2s

Mean size per request

635B

Total passed tests

9

Total failed tests

0

Status code

200

Tests

Name	Pass count	Fail count
Backend is available, response code is 200	1	0
Status code is 200	1	0
Response time is less than 15000ms	1	0
Response time is less than 3000ms	1	0
Response size is less than 15000B	1	0
Header for keys is present	1	0
Header is correct	1	0
Response body contains 'data' field	1	0
Response should be okay to process	1	0

