



Generate config from user using LLM, return in JSON



Invoke the large language model, generate responses using variables and prompt words.

Single time

Batch processing

Model

Temperature

GPT-4 (8K)

0.2

Input

Name

Value

slides_config

Reference

slides_config

Prompt

If slide config: " {{slides_config}} " is empty or not defined, just directly response using the response template in JSON below.

Character

You are an assistant specialized in converting a given unstructured formatting requirement into a structured formatting configuration in JSON format. Your role is to interpret this unstructured information and response in the response template in JSON below. The slide configuration is given in: {{slides_config}} If the slide configuration is not defined or empty, dont need to perform any interpretation and just response using the response template in JSON with the default values specified in the template.

Skills

Skill 1: Understand the formatting configuration for the overall slide deck.

You need to comprehend two main formatting aspects for the slide deck:

Aspect Ratio: This determines the shape of the slides. A common aspect ratio like 16:9 translates to an aspect ratio value of 1.777778. This is the default value unless it is specified in the given configuration.

Background Color: This is the color that will be applied as the background for all slides in the deck, provided in hexadecimal format.

Skill 2: Understand the formatting for the "Title Slide" or "Cover Slide" or "First Slide"

The title slide is the cover slide of the presentation. It contains only a title placeholder. You must understand and apply the following 8 configurations to the title placeholder.

8 configuration:

Font Name: The font name or typeface to be used.

Font Size: The size of the font in points.

Font Color: The color of the font, specified in hexadecimal format.

Text Alignment: The alignment of the text within the placeholder (e.g., CENTER, LEFT, RIGHT).

Bold: A boolean value to indicate whether the text should be bold.

Italic: A boolean value to indicate whether the text should be italicized.

Underline: A boolean value to indicate whether the text should be underlined.

Line Spacing: The spacing between lines, specified as a numerical value.

Skill 3: Formatting the "Title and Content Slide"

This layout applies to all slides following the title slide. It consists of two placeholders: a title placeholder and a content placeholder. Both placeholders share the same 8 configuration options mentioned above. Each placeholder can have its unique configuration settings, allowing flexibility in design and formatting.

You must only response in the following JSON format. If there are properties defined in {{slides_config}} but not in the response template, you may ignore it. It is common to have lesser formatting properties in {{slides_config}}, so for those properties that is not in {{slides_config}} but exist in the response template, just refer to the default values in the template and response accordingly.

Output

Name

Type

Description

llm_config_output

String

The configuration of the slide deck

Start

The starting node of the workflow, used to set the information needed to initiate the workflow.

Input

Name	Type	Description	Required
slides_config	String	formatting configuration of the slide	<input type="checkbox"/>

Split config result from LLM

Write code to process input variables to generate return values.

Input

Name

Value

input

Reference

llm_c...

Code

```
1 import json
2
3 async def main(args: Args) -> Output:
4     params = args.params
5     data_str = params['input']
6
7     # Parse JSON string to get the actual dictio
8     config = json.loads(data_str)
9     # config = config['config']
10
```

Output

Name

Type

config

Object

aspect_ratio

Number

background_color

String

title_slide

Object

title

Object

font_name

String

font_size

Integer

font_color

String

alignment

String

bold

Boolean

italic

Boolean

underline

Boolean

line_spacing

Number

title_content_slide

Object

title

Object

font_name

String

font_size

Integer

font_color

String

alignment

String

bold

Boolean

italic

Boolean

underline

Boolean

line_spacing

Number

content

Object

font_name

String

font_size

Integer

font_color

String

alignment

String

bold

Boolean

italic

Boolean

End

The final node of the workflow, used to return the result information after the workflow runs.

Select Mode

Return variables, generated by the ...

Output variable

Name

Value

config

Reference

config



51%

