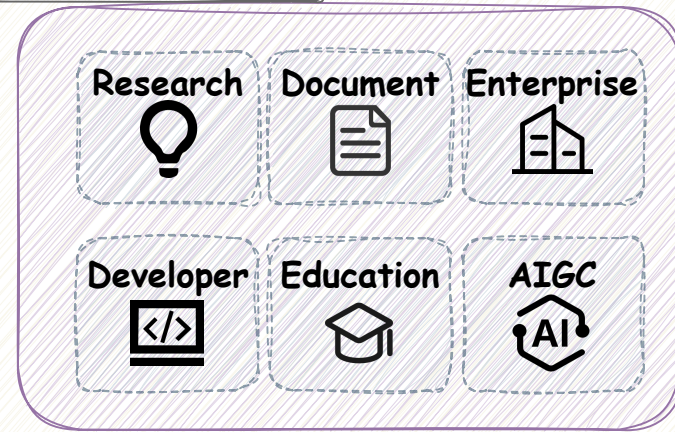
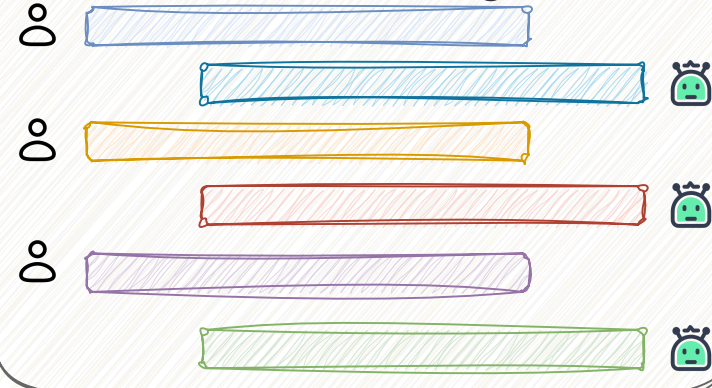


# Chat2Workflow

## Benchmark Construction



## interactive dialogue



## Task—BookCharacter

## Instruction

### Round 1

Create a 'Finish a Book in Three Minutes' workflow. Users will provide the book title (variable 'book') and author name (variable 'author') as input. The task is to generate a three-minute speed-read version of the book's content based on the input. The workflow needs to output this summary (variable 'result').

### Round 2

Building on the existing foundation, generate a character biography for the book's protagonist and convert it into a DOCX file. The workflow only needs to output the final file (variable 'biography').

### Round 3

Generate an illustration that aligns with the character and plot settings based on the character biography. The workflow only needs to output the illustration (variable 'illustration').

## <node\_selection>

Start, LLM, Text to Image, End

## </node\_selection>

## <design\_principle>

Build on the existing workflow by:

- 1) Keeping the Start inputs (book, author).
- 2) Using the LLM to produce a clean, highly visual illustration prompt derived from the generated protagonist biography (style, setting, character details, mood, composition), plus a short negative prompt.
- 3) Feeding that prompt into Text to Image to generate the illustration.
- 4) Outputting only the generated image file(s) as 'illustration'.

## </design\_principle>

## <workflow>

"nodes\_info": [

{

"id": "1",

"type": "start",

"param": {

"variables": [{"book", "string"}, {"author", "string"}]

}

},

...],

"edges": [{"1", 0, "2"}, {"2", 0, "5"}, {"5", 0, 3}]

## </workflow>

## Response

## Evaluation

### pass check

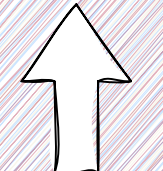
### resolve check

### import



# Dify

### Converter



### workflow-based agent

