

Creating a Basic Search Agent

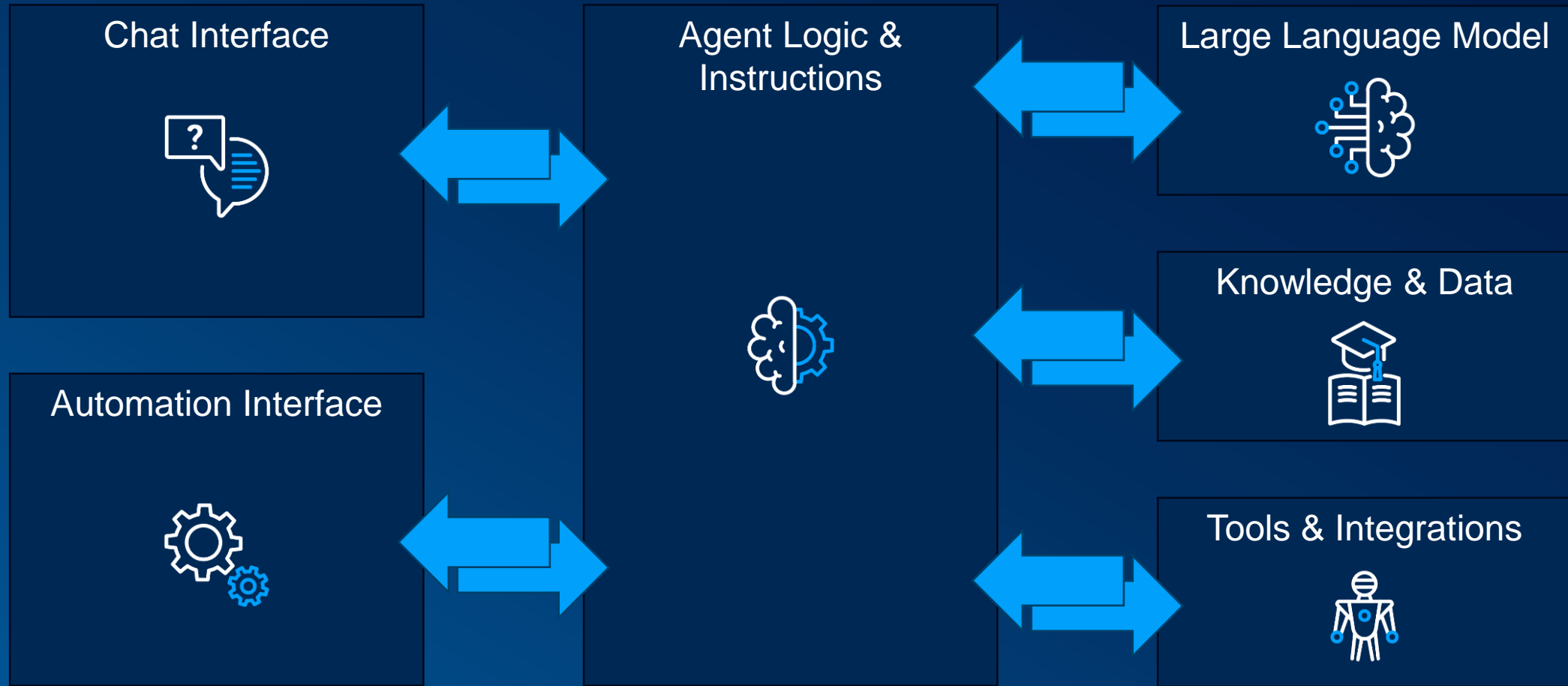
in TotalAgility

Tom Coppock

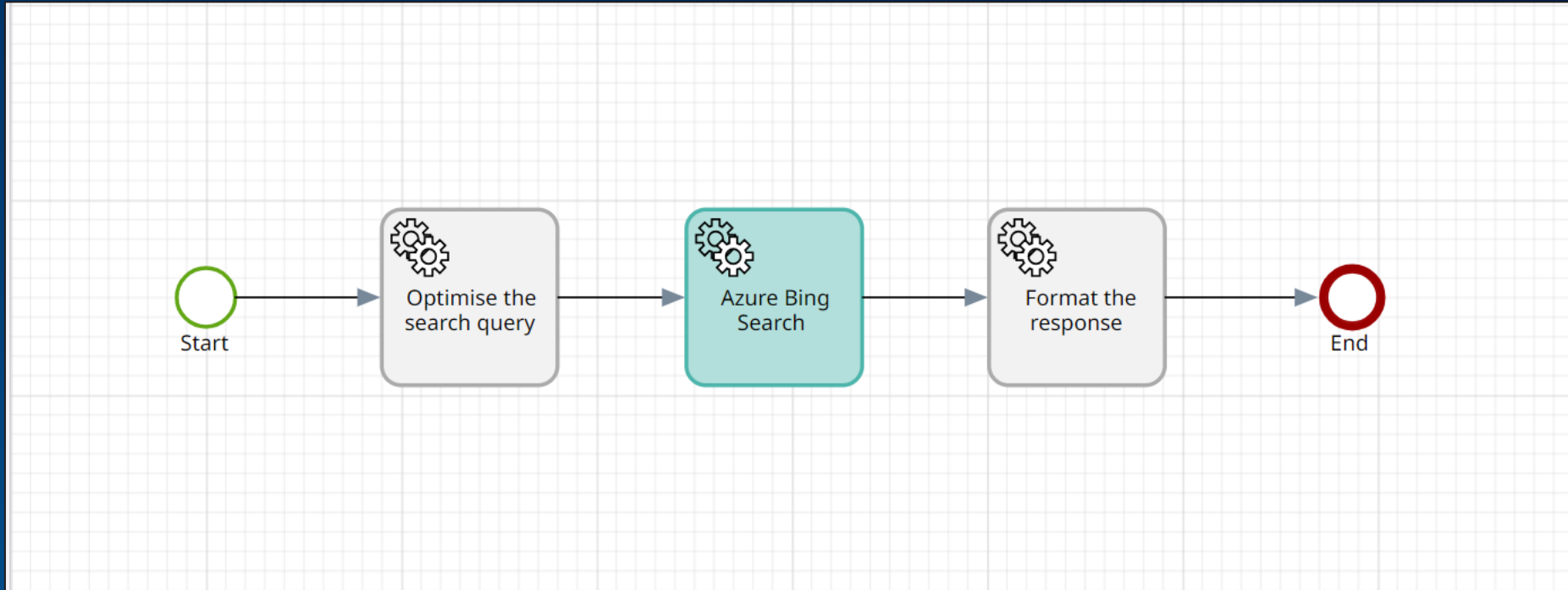
Senior Product Management Director



Anatomy of an AI Agent



Agent Logic



Agent Instructions: Optimise the Search Query

You are an intelligent assistant that converts chat prompts into effective search queries. Your task is to take the provided chat prompt and generate a search query that can be used with search engines like Google or Bing.

****Instructions:****

1. ****Input:**** You will receive a chat prompt that may include questions, requests for information, or topics of interest.
2. ****Output Format:**** Convert the chat prompt into a concise search query. The search query should:
 - Be clear and specific.
 - Use keywords that are likely to yield relevant results.
 - Avoid unnecessary words or phrases.
3. ****Example Conversion:****
 - ****Chat Prompt:**** "What are the best ways to prepare for a job interview?"
 - ****Search Query:**** "best ways to prepare for a job interview"
4. ****Additional Notes:****
 - Ensure that the search query is optimized for search engines.
 - Provide the search query as output without any additional commentary or text.

****Chat Prompt Input:****

<Insert the chat prompt here>

Agent Instructions: Format the Response

You are an intelligent assistant that processes Bing search results. Your task is to take the list of search results provided, format them into a structured output, and present them in HTML format. Each entry should include the title of the result, a brief summary, and the link to the source.

****Instructions:****

1. ****Input:**** You will receive a JSON array of search results from the Bing API. Key elements to extract from the JSON are:

- ``name``: The title of the search result.
- ``snippet``: A short extract or description of the content.
- ``url``: The URL of the search result.

2. ****Output Format:**** Convert each result into HTML with the following structure. ****Important:**** do not return any leading text or formatting, just use the following HTML format:

```
<div class="result">
  <b><a class="title" href="url" target="_new">The name or title of the search result.</a></b>
  <p class="snippet">A readable summary of the provided snippet.</p>
</div>
```

3. ****Example Output:****

```
<div class="result">
  <b><a class="title" href="https://www.bing.com" target="_new">Search - Microsoft Bing</a></b>
  <p class="snippet">Search with Microsoft Bing and use the power of AI to find information, explore webpages, images, videos, maps,
  and more.</p>
</div>
```

4. ****Additional Notes:****

- Ensure that the output is visually appealing and easy to read.
- Provide the formatted list as output without any additional commentary or text.

****Bing Search Results Input:****

<Insert the search results JSON here>

Demo: Creating a Search Agent

Takeaways

- Creating AI Agents in TotalAgility is easy using low code
- Leverage generative AI to quickly reformat data
- AI Agents can power interactive chat sessions
- AI Agents can participate in wider automation workflows
- Stay tuned for more videos...

Thank You!

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