

Prompt Processing API 1.0.0 OAS 3.1

[/openapi.json](#)

API for analyzing, enhancing, and selecting LLM for prompts

default

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GET	/	Welcome	▼
POST	/analyze-prompt	Analyze Prompt	▼
POST	/select-llm	Select Llm	▼
POST	/enhance-prompt	Enhance Prompt	▼
Schemas			▼

Prompt Processing API ^{1.0.0} ^{OAS 3.1}

/openapi.json

API for analyzing, enhancing, and selecting LLM for prompts

default

GET

/ Welcome

Welcome page with API information and links

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/' \
  -H 'accept: text/html'
```

Request URL

http://127.0.0.1:8000/

Server response

Code

Details

200

Response body

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Prompt Processing API</title>
```

Code

Details

```
<style>
  body {
    font-family: Arial, sans-serif;
    max-width: 800px;
    margin: 0 auto;
    padding: 20px;
    line-height: 1.6;
  }
  .links {
    margin-top: 20px;
    display: flex;
    gap: 10px;
  }
  .links a {
    display: inline-block;
    padding: 10px 15px;
    background-color: #007bff;
    color: white;
    text-decoration: none;
    border-radius: 5px;
  }
  .links a:hover {
    background-color: #0056b3;
  }
```

Download

Response headers

```
content-length: 1354
content-type: text/html; charset=utf-8
date: Fri, 24 Jan 2025 05:27:36 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	No links
<div>Media type</div> <div>text/html</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>string</div>		

POST /analyze-prompt Analyze Prompt

Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "prompt": "Write a sorting algorithm in Python.",
  "analysis": {}
}
```

Execute**Clear**

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/analyze-prompt' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "prompt": "Write a sorting algorithm in Python.",
    "analysis": {}
  }'
```

Request URL

http://127.0.0.1:8000/analyze-prompt

Server response

Code	Details
------	---------

200	
-----	--

Response body

```
{
  "analysis": {
    "task_type": "code",
    "complexity": "Medium",
    "missing_elements": [
      "Specific sorting algorithm (e.g., bubble sort, merge sort, quick sort)",
      "Input data type (e.g., list of integers, list of strings)",
      "Desired output format (e.g., sorted list, in-place sorting)",
      "Constraints on efficiency (e.g., time complexity, space complexity)"
    ],
    "context_score": 0.2,
  }
}
```

Code	Details	Download
	<pre>"clarity_score": 0.5 }</pre> <p>Response headers</p> <pre>access-control-allow-credentials: true access-control-allow-origin: * content-length: 381 content-type: application/json date: Fri,24 Jan 2025 05:07:43 GMT server: uvicorn</pre>	

Responses

Code	Description	Links
200	Successful Response	No links
	<p>Media type</p> <div>application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "analysis": {} }</pre>	
422	Validation Error	No links
	<p>Media type</p> <div>application/json</div> <p>Example Value Schema</p> <pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	

POST /select-llm Select Llm



Parameters

Cancel

No parameters

Request body **required**

application/json

```
{
  "prompt": "string",
  "analysis": {}
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/select-llm' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "prompt": "string",
    "analysis": {}
  }'
```

Request URL

http://127.0.0.1:8000/select-llm

Server response

Code

Details

200

Response body

```
{
  "recommended_llm": {
    "model": "claude-opus",
    "reasoning": "General task at the medium level"
  }
}
```

Code	Details
	<pre>} }</pre>
	Response headers access-control-allow-credentials: true access-control-allow-origin: * content-length: 90 content-type: application/json date: Fri,24 Jan 2025 05:27:54 GMT server: uvicorn

Responses		
Code	Description	Links
200	Successful Response	No links
	<div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "recommended_llm": {} }</pre></div>	
422	Validation Error	No links
	<div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre></div>	

POST /enhance-prompt Enhance Prompt

Parameters	Cancel
No parameters	

Request body **required**

application/json

```
{
  "prompt": "string",
  "analysis": {}
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/enhance-prompt' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "prompt": "string",
    "analysis": {}
  }'
```

Request URL

http://127.0.0.1:8000/enhance-prompt

Server response

Code

Details

200

Response body

```
{
  "enhanced_prompt": {
    "text": "Enhanced Prompt: Write a function that converts any given value to its string representation. The function should handle various data types (e.g., integers, floats, booleans, lists, dictionaries, custom objects) and return a meaningful string representation for each. Include clear examples demonstrating the function's behavior with different input types.",
    "technique": "Specification Expansion",
  }
}
```


Code

Details

```
"improvement_metrics": {
  "clarity": 0.9,
  "context": 0.9,
  "specificity": 0.6
}
```

Download

Response headers

```
access-control-allow-credentials: true
access-control-allow-origin: *
content-length: 498
content-type: application/json
date: Fri,24 Jan 2025 05:28:00 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	No links
<div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>{ "enhanced_prompt": {} }</div>		
422	Validation Error	No links
<div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</div>		

Schemas

