

Agentic AI Microservice

1.0.0 OAS 3.1

/openapi.json

Agentic LLM-powered microservice for IT request automation.

default



POST

/api/v1/execute

Execute

Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "request": "Diagnose why my Windows server is slow and draft an email to admin.",
  "require_approval": false
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/v1/execute' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "request": "Diagnose why my Windows server is slow and draft an email to admin.",
    "require_approval": false
  }'
```

Request URL

http://127.0.0.1:8000/api/v1/execute

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "task_id": "a6327b01-47e9-4226-8dd2-52f7e7f601f0", "status": "completed", "result": { "status": "completed", "diagnosis": { "root_cause": "The slowness of the Windows server is likely due to insufficient memory or high disk activity.", "evidence": ["Performance Monitor shows memory utilization above 80%.", "Disk usage is consistently above 85%, indicating high read/write activity.", "Event Viewer logs show multiple warnings related to insufficient resources."], "solutions": [{ "title": "Upgrade the server's RAM to improve memory capacity.", "confidence": "high" }, { "title": "Investigate and optimize applications consuming high disk I/O.", "confidence": "medium" }, { "title": "Consider implementing SSDs for improved disk performance.", "confidence": "low" }] } } }</pre></div><div><div>Response headers</div><div><pre>content-length: 1611 content-type: application/json date: Mon, 19 May 2025 02:06:09 GMT server: uvicorn</pre></div></div></div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div>	No links

Code

Description

Links

Example Value

Schema

```
{  "task_id": "string",  "status": "string",  "result": {    "additionalProp1": {}  }}
```

422

Validation Error

No links

Media type

application/json

Example Value

Schema

```
{  "detail": [    {      "loc": [        "string",        0      ],      "msg": "string",      "type": "string"    }  ]}
```

POST

/api/v1/plans/{id}/approve

Approve Plan

⌵

POST

/api/v1/plans/{id}/reject

Reject Plan

⌵

GET

/api/v1/tasks/{id}

Get Task Status

⌴

Parameters

Cancel

Name

Description

id

* required

string

(path)

a6327b01-47e9-4226-8dd2-52f7e7f601f0

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/v1/tasks/a6327b01-47e9-4226-8dd2-52f7e7f601f0' \
  -H 'accept: application/json'
```

Request URL

http://127.0.0.1:8000/api/v1/tasks/a6327b01-47e9-4226-8dd2-52f7e7f601f0

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "task_id": "a6327b01-47e9-4226-8dd2-52f7e7f601f0", "status": "completed", "diagnosis": { "root_cause": "The slowness of the Windows server is likely due to insufficient memory or high disk activity.", "evidence": ["Performance Monitor shows memory utilization above 80%.", "Disk usage is consistently above 85%, indicating high read/write activity.", "Event Viewer logs show multiple warnings related to insufficient resources."], "solutions": [{ "title": "Upgrade the server's RAM to improve memory capacity.", "confidence": "high" }, { "title": "Investigate and optimize applications consuming high disk I/O.", "confidence": "medium" }, { "title": "Consider implementing SSDs for improved disk performance.", "confidence": "low" }] } }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>content-length: 1579 content-type: application/json date: Mon, 19 May 2025 02:13:15 GMT server: uvicorn</pre></div></div>

Responses

Code	Description	Links
200	Successful Response	No links
	Media type	

Code	Description	Links
	<div><div>application/json</div><div>Controls Accept header.</div><div><div>Example Value</div><div>Schema</div></div><div><pre>{ "task_id": "string", "status": "string", "diagnosis": { "additionalProp1": {} }, "script": { "additionalProp1": {} }, "email_draft": "string", "duration_seconds": 0}</pre></div></div>	
422	<div><div>Validation Error</div><div>Media type</div><div><div>application/json</div></div><div><div>Example Value</div><div>Schema</div></div><div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre></div></div>	No links

GET

/ Root

✓

Schemas
<div><div>ExecuteRequest ></div><div>Expand all</div><div>object</div></div>
<div><div>HTTPValidationError ></div><div>Expand all</div><div>object</div></div>
<div><div>PlanApprovalResponse ></div><div>Expand all</div><div>object</div></div>

TaskResponse > Expand all object

TaskStatusResponse > Expand all object

ValidationError > Expand all object