☰   **Built-in tools** › `LLM Task`

Built-in tools

LLM Task

`llm-task` is an **optional plugin tool** that runs a JSON-only LLM task and returns structured output (optionally validated against JSON Schema).

This is ideal for workflow engines like Lobster: you can add a single LLM step without writing custom OpenClaw code for each workflow.

Enable the plugin

1. Enable the plugin:

```
{
  "plugins": {
    "entries": {
      "llm-task": { "enabled": true }
    }
  }
}
```

2. Allowlist the tool (it is registered with `optional: true`):

```json
    "agents": {
      "list": [
        {                    >
          "id": "main",
          "tools": { "allow": ["llm-task"] }
        }
      ]
    }
  }
```

Config (optional)

```json
{
  "plugins": {
    "entries": {
      "llm-task": {
        "enabled": true,
        "config": {
          "defaultProvider": "openai-codex",
          "defaultModel": "gpt-5.2",
          "defaultAuthProfileId": "main",
          "allowedModels": ["openai-codex/gpt-5.3-codex"],
          "maxTokens": 800,
          "timeoutMs": 30000
        }
      }
    }
  }
}
```

`allowedModels` is an allowlist of `provider/model` strings. If set, any
request outside the list is rejected.

Tool parameters

`prompt` `(string, required)`

`input` `(any, optional)`

`schema` `(object, optional JSON Schema)`

`provider` `(string, optional)`

`model` `(string, optional)`

`authProfileId` `(string, optional)`

`temperature` `(number, optional)`

`maxTokens` `(number, optional)`

`timeoutMs` `(number, optional)`

Output

Returns `details.json` containing the parsed JSON (and validates against `schema` when provided).

Example: Lobster workflow step

```
openclaw.invoke --tool llm-task --action json --args-json '{
    "prompt": "Given the input email, return intent and draft.",
    "input": {
      "subject": "Hello",
      "body": "Can you help?"
    },
    "schema": {
      "type": "object",
      "properties": {
        "intent": { "type": "string" },
        "draft": { "type": "string" }
      },
      "required": ["intent", "draft"],
      "additionalProperties": false
    }
}'
```

Safety notes

The tool is **JSON-only** and instructs the model to output only JSON
(no code fences, no commentary).

No tools are exposed to the model for this run.

Treat output as untrusted unless you validate with `schema`.

Put approvals before any side-effecting step (send, post, exec).

‹ **Lobster**   **Exec Tool** ›

Powered by **mintlify**