

# Agentic AI with Orchestrated Workflows for Engineers

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**bill**

# Schedule

|              |  |
|--------------|--|
| 9:00 - 9:30  | Module 0: Introduction to Agentic AI                 |
| 9:30 - 11:30 | Module 1: Foundational Agentic Patterns with n8n     |
| 11:30 - 2:00 | Module 2: Advanced Patterns & Custom API Integration |
| 2:00 - 4:00  | Module 3: LLM Evaluation with Braintrust             |
| 4:00 - 4:30  | Awards!  |

# Module 2: Advanced Patterns & Custom API Integration

# Going Beyond Integrations: HTTP Request

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- One of the most versatile nodes in n8n
- Queries data from any app or service with a REST API
- Lets you fetch APIs, scrape web pages, and integrate services that don't have a dedicated n8n node
- Supports various HTTP methods like GET, POST, PUT, DELETE, etc.
- Can be used as a regular node or as a tool to an agent

# If You Can cURL It...

HTTP Request

Execute step

Parameters

Settings

Docs

Import cURL

Method

GET

URL

http://example.com/index.html

Authentication

None

Send Query Parameters

Send Headers

Send Body

Options

No properties

Add option

You can view the raw requests this node makes in your browser's developer console

# Authentication

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- Predefined credentials
- Generic credentials
  - Basic auth
  - Custom auth
  - Digest auth
  - Header auth
  - OAuth1
  - OAuth2
  - Query Auth

# Store Your Credentials Properly

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Create credential



Workflows

Credentials

Executions

Variables

Data tables

 Search credentials...

Sort by last updated



**Google Sheets Team AI101**

Google Sheets OAuth2 API | Last updated 16 hours ago | Created 3 December

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**GitHub account**

GitHub OAuth2 API | Last updated 20 hours ago | Created 3 December

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**Braintrust service token**

Bearer Auth | Last updated 1 day ago | Created 3 December

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**Google Gemini(PaLM) Api account 3**

Google Gemini(PaLM) Api | Last updated 2 days ago | Created 1 December

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**OpenAi** Read only

OpenAi | Last updated 2 days ago | Created 25 November

 Malay Shah

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# Send...

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- Query parameters
  - Filters on HTTP request
  - Uses either key-value pairs of query parameters or JSON
- Headers
  - Metadata or context about your request
  - Uses either key-value pairs of query parameters or JSON
- Body
  - Sends data with request
  - Choose from multiple content types: Form URLencoded, Form-Data, JSON, Binary File, or Raw



# Node Options

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- Array format
- Batching
- Response format
- Pagination
- Redirects and timeouts

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