

3rd Party API Dependencies

Mock 3rd party APIs with WireMock Cloud

Reduce dependencies on flaky 3rd parties and sandboxes. Ship faster at lower costs with flexible and realistic API mocking.

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The Challenge

Modern software development relies on dozens of APIs – and when they’re not available, rate-limited, or unstable, everything grinds to a halt. Even when sandboxes are provided, they are often unreliable or limited when it comes to complex scenarios (negative testing, load testing, and more).

The Solution

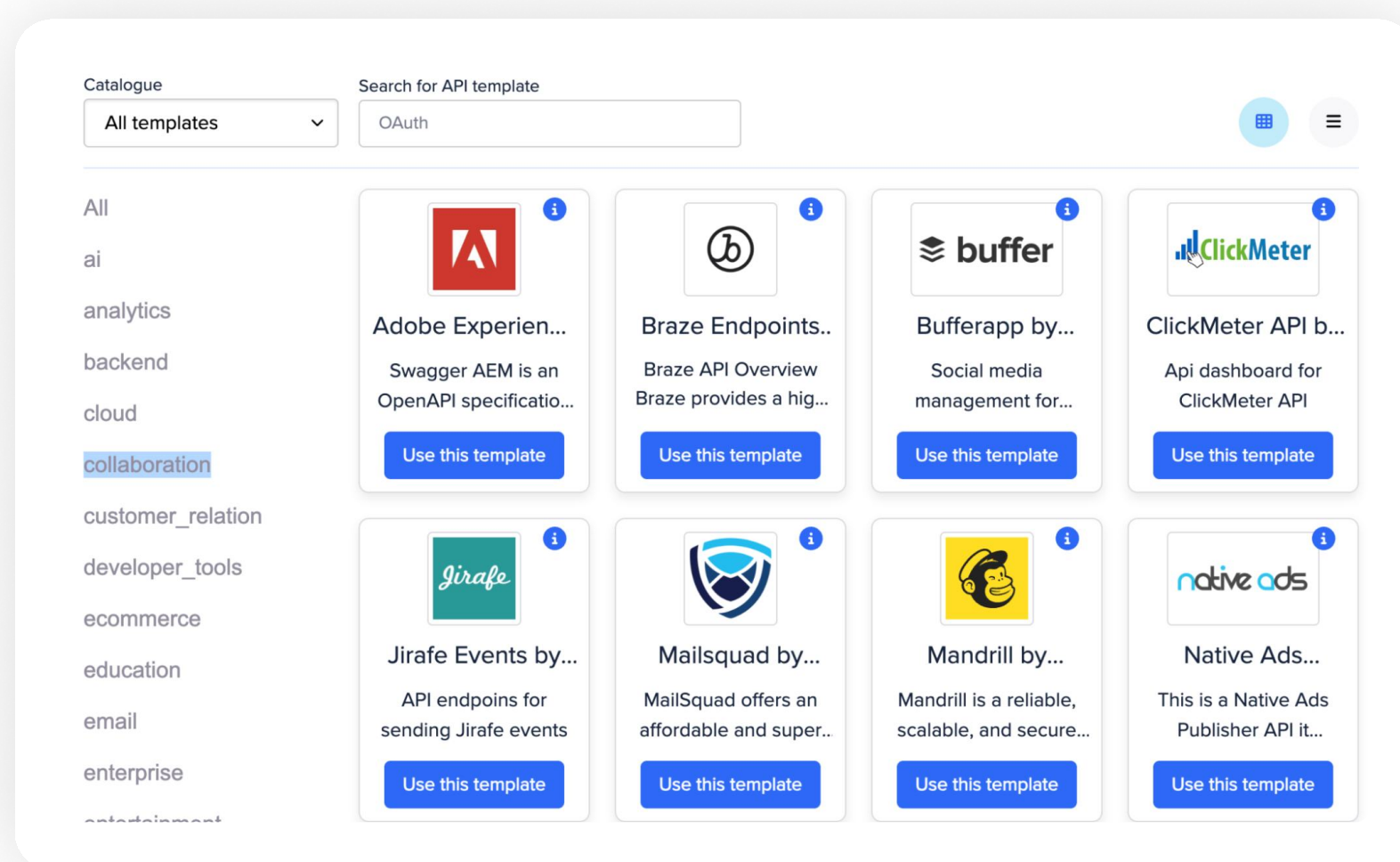
WireMock Cloud gives you a simple UI to mock any third-party API with advanced capabilities that help you launch faster, simulate more realistic scenarios, and seamlessly move to production when you’re ready.

“WireMock Cloud did exactly what I wanted. It helped us solve the dependency on unstable 3rd party APIs”

Andy Heywood
Engineering Manager, OVO Energy

Mock any API that exists (or doesn't)

- Record an external API or define one manually
- Start with **hundreds of templates** of popular APIs and services
- Import from Swagger, openAPI spec, or a Postman Collection to instantly create a mock



Reliable, collaborative, and enterprise-ready

- Manage hundreds of mocks securely with the same technology used at PayPal, Intuit, and IBM
- Collaborate and re-use mocks via a simple management UI
- Run in our cloud or deploy in Kubernetes

Run realistic tests with advanced mocking capabilities

- Use flexible request matching to simulate a wide range of scenarios
- Return dynamic responses based on the request with **response templating**
- Simulate faults and unpredictable behavior with **Chaos Engineering**

Body

Change to JSON

<> Indent X Clear

```

1  {{regexExtract request.body '([a-z]+)-([A-Z]+)-([0-9]+)' 'parts'}}
2  {{parts.0}}, {{parts.1}}, {{parts.2}}
3  {{randomValue length=33 type='ALPHANUMERIC'}}
4  {{capitalize 'mock my response'}}
5  {{cut 'mocking, stubbing, faults'}}
6  {{#if showDetails}}
7    <div id="details">...</div>
8  {{else}}
9    <div id="details" class="hidden">...</div>
10 {{/if}}

```

Open API Validation

```

Request validation (1)    Response validation (0)

3  title: OpenAPI demo
4  version: 1.0.0
5  servers:
6  url: https://openapi-demo.wiremockapi.cloud
7    /customers/{id}:
8    get: OpenAPI demo
9      description: Gets a customer by ID.
10     parameters:
11       name: id
12       id: path

```

Keep your APIs trustworthy with continuous contract testing

- Validate your mock’s requests and responses against the an OpenAPI definition
- Keep your mock APIs reliable when the mocked API changes
- Keep developers on the same page and identify ‘drift’ from pre-agreed API definitions