# DevProxy

Dev Proxy is an API simulator that helps you effortlessly test your app beyond the happy path.

# Foreword

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# What is Dev Proxy?

Dev Proxy is an API simulator that helps you effortlessly test your app beyond the happy path.

- Create API errors - on internal (ie. localhost) and external (ie. Microsoft Graph).
- Fire rate limits
- Add latency
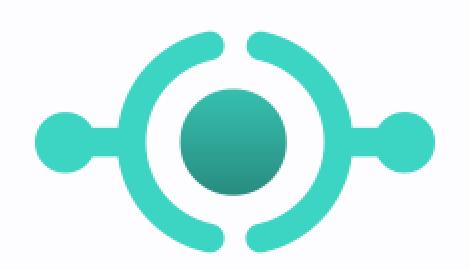- Stand up mock APIs

# Get Started

# **Local Development**

Chromium based browsers will not send localhost to the proxy.

```
taskkill /f /im msedge.exe
```

```
"msedge.exe" --proxy-bypass-list="<-loopback>" --proxy-server="127.0.0.1:8000"
```

See documentation for more information

# Dev Proxy Toolkit

Dev Proxy Toolkit

# Config

CTRL+SHIFT+P - Create create configuration file

.devproxy/devproxyrc.json

```json
{
  "$schema": "https://raw.githubusercontent.com/dotnet/dev-proxy/main/schemas/v1.0.0/rc.schema.json",
  "plugins": [
    {
      "name": "RetryAfterPlugin",
      "enabled": true,
      "pluginPath": "~appFolder/plugins/DevProxy.Plugins.dll"
    },
    {
      "name": "GenericRandomErrorPlugin",
      "enabled": true,
      "pluginPath": "~appFolder/plugins/DevProxy.Plugins.dll",
      "configSection": "genericRandomErrorPlugin"
    }
  ],
  "urlsToWatch": [
    "https://jsonplaceholder.typicode.com/*"
  ],
  "genericRandomErrorPlugin": {
    "errorsFile": "devproxy-errors.json"
  },
  "rate": 50,
  "logLevel": "information",
  "newVersionNotification": "stable",
  "showSkipMessages": true,
  "showTimestamps": true
}
```

# Example

# Plugins