
openapi-python-generator

Documentation

Release latest

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CONTENTS

OpenAPI python generator

__OpenAPI python generator, a modern way to generate clients for OpenAPI 3.0.0+ **APIs**__

![Tests](https://github.com/MarcoMuellner/openapi-python-generator/workflows/Tests/badge.svg) [Code-cov](https://codecov.io/gh/MarcoMuellner/openapi-python-generator/branch/main/graph/badge.svg) [PyPI](https://img.shields.io/pypi/v/openapi-python-generator.svg) [Python Version](https://img.shields.io/pypi/pyversions/openapi-python-generator) —

Documentation:

Source: [https://github.com/MarcoMuellner/openapi-python-generator{ }](https://github.com/MarcoMuellner/openapi-python-generator)

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OpenAPI python generator is a modern way to generate clients for OpenAPI 3.0.0+ APIs. It provides a full Client, including pydantic models (providing type-safe data structures) and multiple supported frameworks.

The key features of the generator are:

- __Ease of **use**__. Provide input, output and the library, and the generator will do the rest.
- __Type safety and type hinting.__ __OpenAPI python **generator**__ makes heavy use of pydantic models to provide type-safe data structures.
- __Support for multiple rest frameworks.__ __OpenAPI python **generator**__ currently supports the following:
 - [httpx](https://pypi.org/project/httpx/)
 - [requests](https://pypi.org/project/requests/)
- __Async and sync code generation **support**__, depending on the framework. It will automatically create both for frameworks that support both.
- __Easily extendable using Jinja2 **templates**__. The code is designed to be easily extendable and should support even more languages and frameworks in the future.
- __Fully **tested**__. Every generated code is automatically tested against the OpenAPI spec and we have 100% coverage.
- __Usage as CLI or as **library**__.

Interested? Hop over to our Quickstart page, if you don't want to bother reading the docs, or if you just want to try it out. If you want to get a more in depth guide, check out our Tutorials page. If you are interested in the OpenAPI spec, go check out our OpenAPI Specification page.