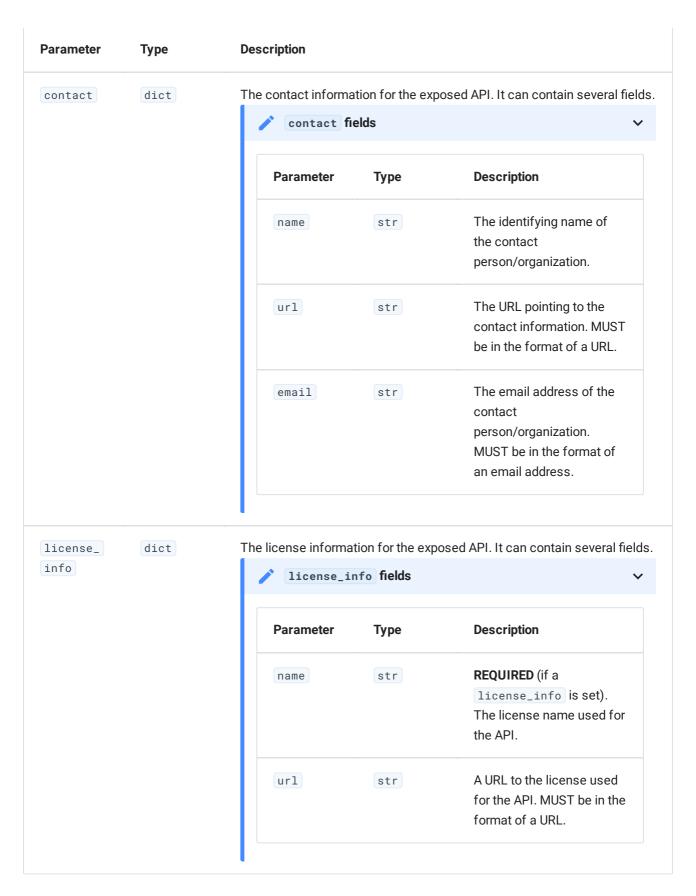
Metadata and Docs URLs

You can customize several metadata configurations in your ${f FastAPI}$ application.

Metadata for API

You can set the following fields that are used in the OpenAPI specification and the automatic API docs UIs:

Parameter	Туре	Description
title	str	The title of the API.
descript	str	A short description of the API. It can use Markdown.
version	string	The version of the API. This is the version of your own application, not of OpenAPI. For example 2.5.0.
terms_of_ service	str	A URL to the Terms of Service for the API. If provided, this has to be a URL.



You can set them as follows:

{!../../docs_src/metadata/tutorial001.py!}



Tip

You can write Markdown in the description field and it will be rendered in the output.

With this configuration, the automatic API docs would look like:



Metadata for tags

You can also add additional metadata for the different tags used to group your path operations with the parameter openapi_tags.

It takes a list containing one dictionary for each tag.

Each dictionary can contain:

- name (required): a str with the same tag name you use in the tags parameter in your path operations and APIRouter s.
- description: a str with a short description for the tag. It can have Markdown and will be shown in the docs UI.
- externalDocs: a dict describing external documentation with:
 - description: a str with a short description for the external docs.
 - url (required): a str with the URL for the external documentation.

Create metadata for tags

Let's try that in an example with tags for users and items.

Create metadata for your tags and pass it to the openapi_tags parameter:

```
{!../../docs_src/metadata/tutorial004.py!}
```

Notice that you can use Markdown inside of the descriptions, for example "login" will be shown in bold (**login**) and "fancy" will be shown in italics (*fancy*).



Tip

You don't have to add metadata for all the tags that you use.

Use your tags

Use the tags parameter with your path operations (and APIRouter s) to assign them to different tags:

```
{!../../docs_src/metadata/tutorial004.py!}
```



Read more about tags in Path Operation Configuration.

Check the docs

Now, if you check the docs, they will show all the additional metadata:



Order of tags

The order of each tag metadata dictionary also defines the order shown in the docs UI.

For example, even though users would go after items in alphabetical order, it is shown before them, because we added their metadata as the first dictionary in the list.

OpenAPI URL

By default, the OpenAPI schema is served at /openapi.json.

But you can configure it with the parameter openapi_url.

For example, to set it to be served at /api/v1/openapi.json:

```
{!../../docs_src/metadata/tutorial002.py!}
```

If you want to disable the OpenAPI schema completely you can set <code>openapi_url=None</code>, that will also disable the documentation user interfaces that use it.

Docs URLs

You can configure the two documentation user interfaces included:

- Swagger UI: served at /docs.
 - You can set its URL with the parameter docs_url.

- You can disable it by setting docs_url=None.
- ReDoc: served at /redoc.
 - You can set its URL with the parameter redoc_url.
 - You can disable it by setting redoc_url=None.

For example, to set Swagger UI to be served at /documentation and disable ReDoc:

```
{!../../docs_src/metadata/tutorial003.py!}
```

Last update: September 11, 2022 Created: September 11, 2022