

# MLOps - Model packaging and serving - QFM

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# Compilation

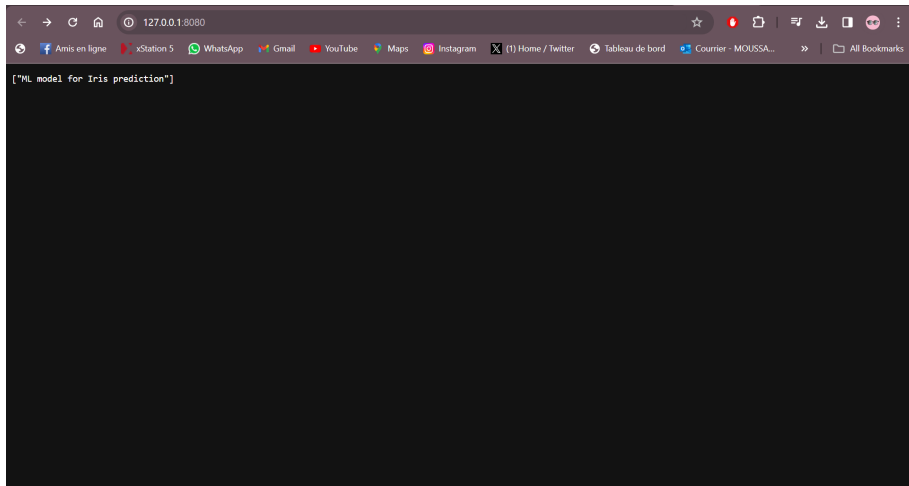


Figure: Compilation Fast API

# Fast API docs

FastAPI

0.1.0

OAS 3.1

/openapi.json

default

GET / Home

POST /make\_predictions Make Predictions

Schemas

HTTPValidationError > Expand all object

ValidationError > Expand all object

Iris > Expand all object

Figure: Fast API docs 1

# Fast API docs

POST

/make\_predictions

Make Predictions

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Parameters

Cancel

Reset

No parameters

Request body required

application/json

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```
{
  "a": 12,
  "b": 12,
  "c": 12,
  "d": 12
}
```

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Servers

These operation-level options override the global server options.

Figure: Fast API docs 2

# Fast API docs

Request URL

```
http://127.0.0.1:8080/make_predictions
```

Server response

Code	Details
200	<p>Response body</p> <pre>{   "prediction": "2" }</pre> <p>Response headers</p> <pre>content-length: 18 content-type: application/json date: Wed, 03 Jan 2024 12:37:21 GMT server: uvicorn</pre>

Responses

Code	Description	Links
200	<p>Successful Response</p> <p>Media type</p> <p><input type="text" value="application/json"/></p> <p>Controls Accept header.</p> <p>Example Value   Schema</p>	No links

Figure: Fast API docs 3

# Fast API docs

Code	Description	Links
200	<p>Successful Response</p> <p>Media type</p> <p><input type="text" value="application/json"/></p> <p>Controls Accept header.</p> <p><b>Example Value</b>   <a href="#">Schema</a></p> <pre>"string"</pre>	<a href="#">No links</a>
422	<p>Validation Error</p> <p>Media type</p> <p><input type="text" value="application/json"/></p> <p><b>Example Value</b>   <a href="#">Schema</a></p> <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre>	<a href="#">No links</a>

Figure: Fast API docs 4

# Thank you!