

# Irina Rozhnovskaya blog (1.0- SNAPSHOT)

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# Developer guide

## Setup development environment

### build, run and test with Docker

```
./mvnw ; ./mvnw -Pdocker docker-compose:up

http post :8080/blog/api/
http post :8080/blog/api/post/new?postText=trololo
http post :8080/blog/api/post/all
http post :8080/blog/api/post/one id=00000000-0000-0000-0000-000000000000
http put :8080/blog/api/post/edit id=00000000-0000-0000-0000-000000000000
postText=ololo

./mvnw -Pdocker docker-compose:down
```

## Documentation

### run and test

*using serve (node / npm required)*

```
# install node / npm
# brew install node
# scoop install nodejs-lts

npm i -g serve
serve public
curl http://127.0.0.1:5000
```

# REST API documentation

## Show API description

Title	<b>Show API description</b>  Returns json data with API description.
URL	/api
Method	GET/POST
URL Params	<b>Required:</b>  None
Data Params	None
Success Response	<b>Code:</b> 200 OK  <b>Content:</b> { "links": { "_self GET": "http://localhost:8080/api", "create new: POST": "http://localhost:8080/api/post/new", "find all GET": "http://localhost:8080/api/post/all", "find one GET": "http://localhost:8080/api/post/one", "health GET": "http://localhost:8080/api/health", "update new: PUT": "http://localhost:8080/api/post/edit" } }

## Create new post

Title	<b>Create new post</b>  Returns location of created post.
URL	/api/post/new
Method	POST
URL Params	<b>Required:</b>  postText=[String]
Data Params	None
Success Response	<b>Code:</b> 201 Created  <b>Content:</b> {}  <b>Location:</b> /api/post/new?id=:id

## Show all posts

<b>Title</b>	<b>Show all posts</b>  Returns json data of all posts.
<b>URL</b>	<code>/api/post/all</code>
<b>Method</b>	<code>GET/POST</code>
<b>URL Params</b>	<b>Required:</b>  None
<b>Data Params</b>	None
<b>Success Response</b>	<b>Code:</b> 200 OK  <b>Content:</b> <code>{ "post": [ { "body": "trololo", "id": "9b4366bd-e0e6-4c0b-b46a-4329efadd5a1", "when": "2019.01.18 15:57 GMT" }, { "body": "ololo", "id": "d9252cb6-88e8-4a92-831e-745241ffe3f7", "when": "2019.01.18 15:00 GMT" } ] }</code>

## Show one post

<b>Title</b>	<b>Show one post</b>  Returns json data of one post.
<b>URL</b>	<code>/api/post/one</code>
<b>Method</b>	<code>GET/POST</code>
<b>URL Params</b>	<b>Required:</b>  None
<b>Data Params</b>	<code>id=[UUID]</code>
<b>Success Response</b>	<b>Code:</b> 200 OK  <b>Content:</b> <code>{ "postResponse": { "body": "trololo", "id": "5e48ee43-d428-4bbe-bcbc-0d860ca96e63", "when": "2019.01.18 13:25 GMT" } }</code>

## Edit one post

<b>Title</b>	<b>Show one edited post</b>  Returns json data of one edited post.
<b>URL</b>	<code>/api/post/edit</code>
<b>Method</b>	<code>PUT</code>
<b>URL Params</b>	<b>Required:</b>  None

<b>Data Params</b>	id=[UUID]  postText=[String]
<b>Success Response</b>	<b>Code:</b> 200 OK  <b>Content:</b> { "postResponse": { "body": "edited0lolo", "id": "4e103103-9d5a-42ec-873a-58f1bed6ef44", "when": "2019.01.18 13:27 GMT" } }