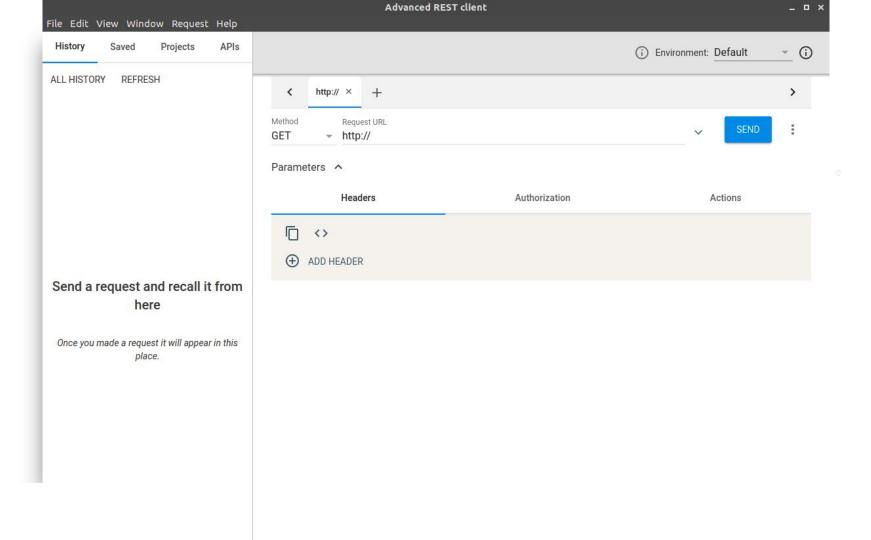
Using ARC

swppfall2019 hw3

ARC

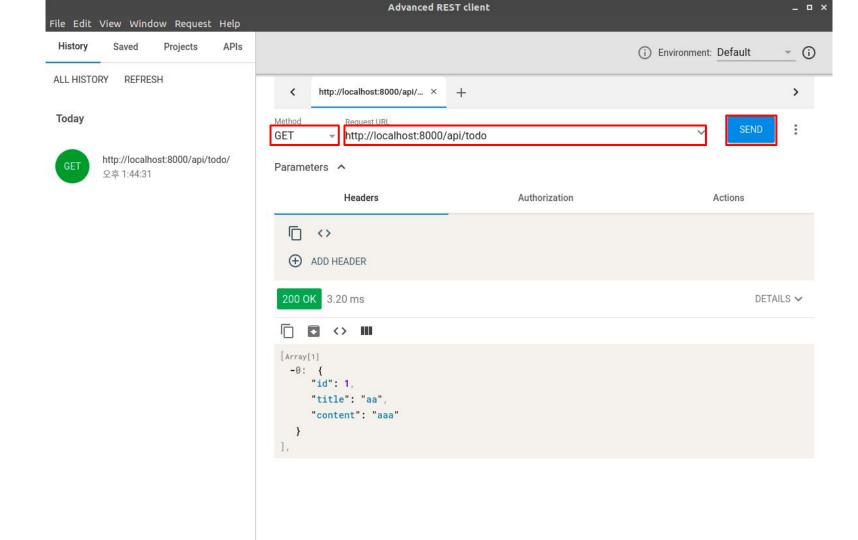
- ARC (Advanced REST Client) is an app for testing HTTP APIs
- You can see how your API server responds with your custom requests.

- Install from chrome web store
 - https://install.advancedrestclient.com



1. Sending a GET request

- Write url of your GET API
- Select 'GET' among the method options
- Click the 'SEND' button to send request
- Response will be shown below

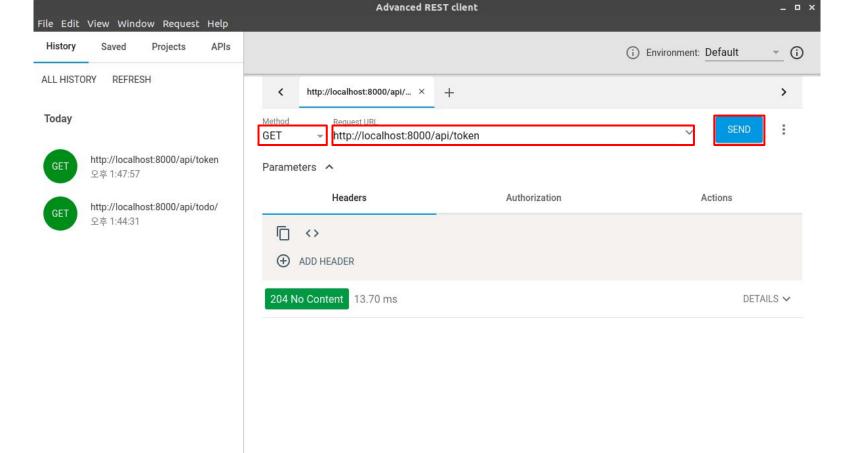


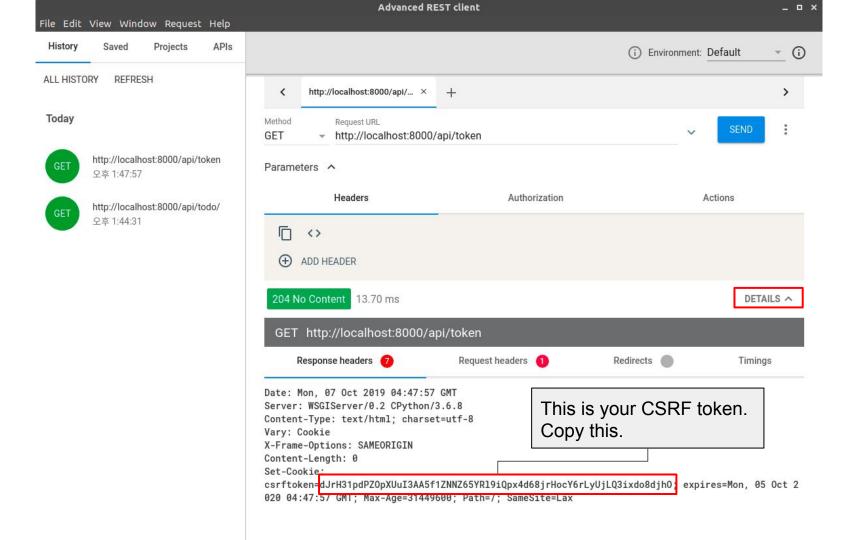
2. Sending a POST request with CSRF token

- To send a POST, PUT or DELETE requests, you should append the CSRF token for security
- You should first get the CSRF token from Django
- In the skeleton code of homework 3, /api/token is provided for getting the CSRF token

2-1. Getting the CSRF token

- Send a GET request to /api/token
 - Response code would be "204 No Content"
- Open "DETAILS" tab and select "Response headers" tab
- Among the headers, you can find
 - "Set-Cookie: csrftoken=~~~~~"





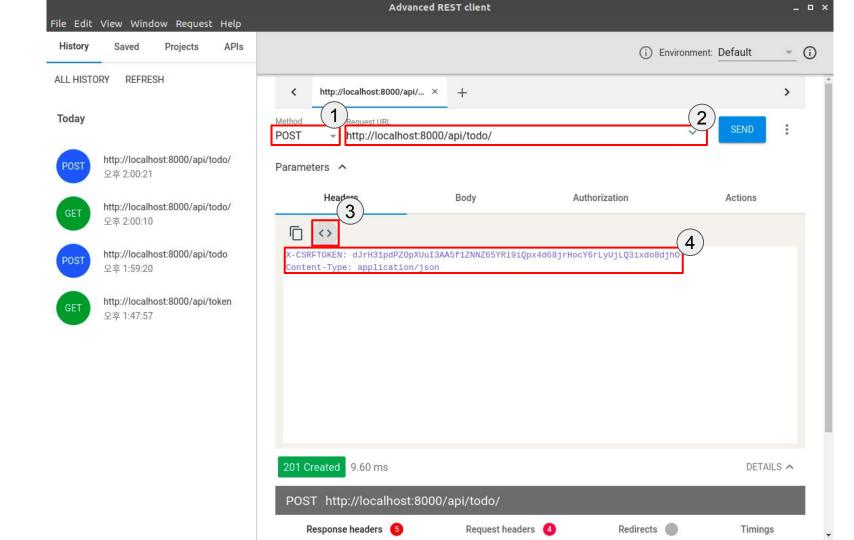
2-2. Send a POST request with the CSRF token

Copy the token and add the following headers in the "Headers" tab.

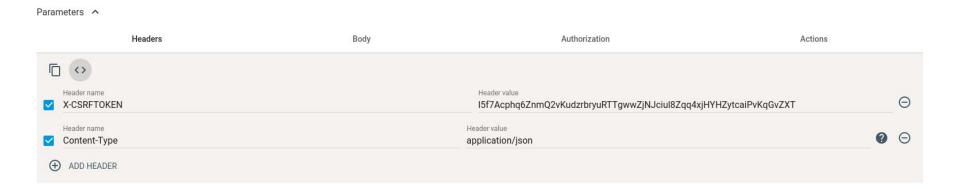
```
X-CSRFTOKEN: [your csrf token]
Content-Type: application/json
```

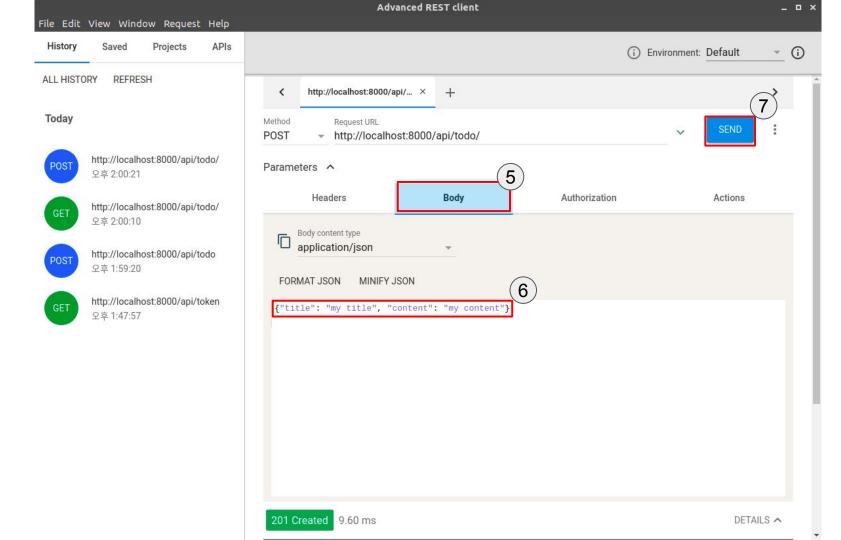
Write your POST data in the "Body" tab in JSON format.

```
{"title": "my title", "content": "my content"}
```



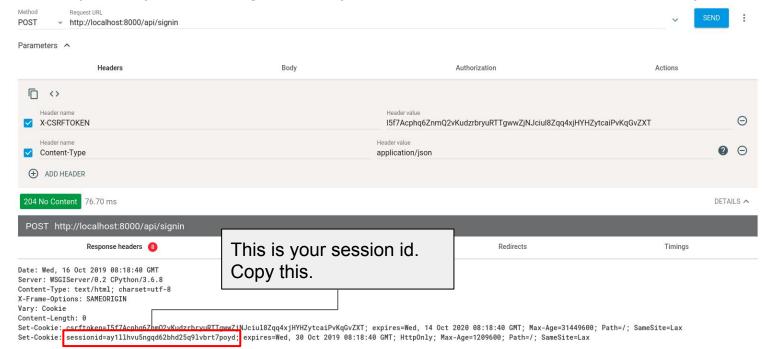
Alternatively, you can send your headers like this





3. Sending a POST request with session id

- After you sign in, you will get a session id
- To verify that you are signed in, you have to contain session id in your header



Add session id to your header and send request

