

# Communication Contract for Microservice Implementation for NuReview.

## How to **REQUEST** data:

Data is requested by utilizing an HTTP GET request (addressed through a specified URL). Currently <http://localhost:3001/>.

Example with JS and asynchronous request/fetch:

```
async function getData(url) {  
  try {  
    const response = await fetch(url)  
    const data = await response.json()  
    doSomeFunctionWith(data)  
  } catch (error) {  
    console.error("500 - Server Error.");  
  }  
}
```

## How to **RECEIVE** data:

Data is received from the API on the user client as JSON.

The JSON file represents multiple articles.

Formatting for the JSON file received is indicated below as well as in UML:

```
{  
  "articles": [  
    {  
      "article_id": 0,  
      "article_name": "some article",  
      "article_body": "some text",  
      "author": "testuser1"  
    }  
  ]  
}
```

UML sequence diagram:

