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Client Server Interaction

first example

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How does the Client Interact with the Server?

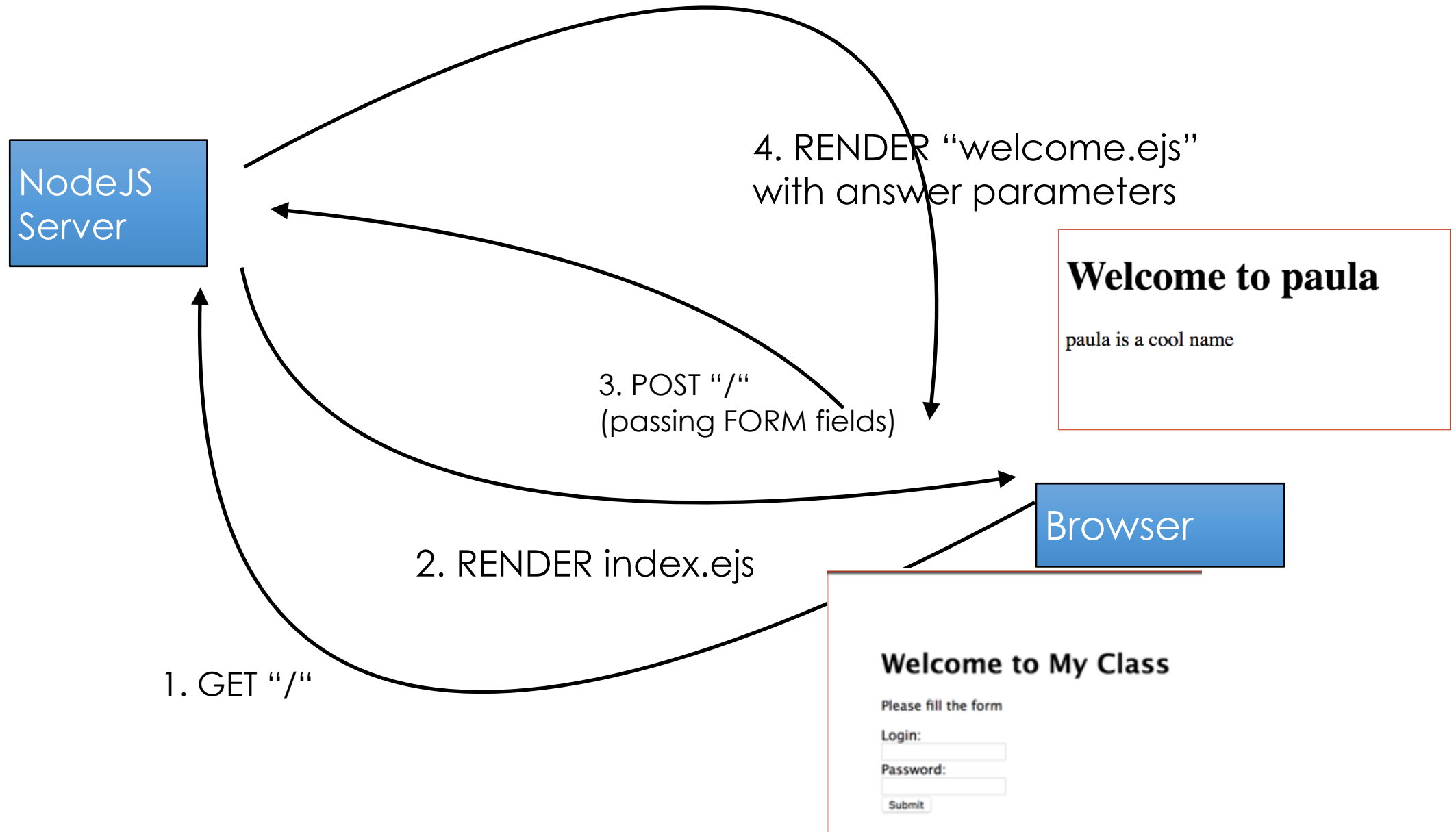
- The client and the server interact in this way:
 - The browser requests an URL
 - e.g. **get** <http://localhost:3000/>
 - The server on localhost:3000 receives the requests and check if there is a static file called /index.html
 - if there is - it returns it
 - if there is not - it checks if there is a route for "/", e.g.

```
router.get('/', function (req, res, next) {  
  res.render('index', {title: 'My Class'});  
});
```
 - In this case it returns a file .ejs
 - if the file contains a form, the client sends the information to the server when the submit button is pressed

```
<form action="send_name" method="POST">
```

 - **post** /send_name {name: "Paul", surname: "Jones"}
 - The server
 - receives the post and extracts the parameters (name and surname)
 - performs some operations
 - returns some results to the client
 - e.g. it displays another webpage

Client/server interplay





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Let's see the code in
WebStorm

