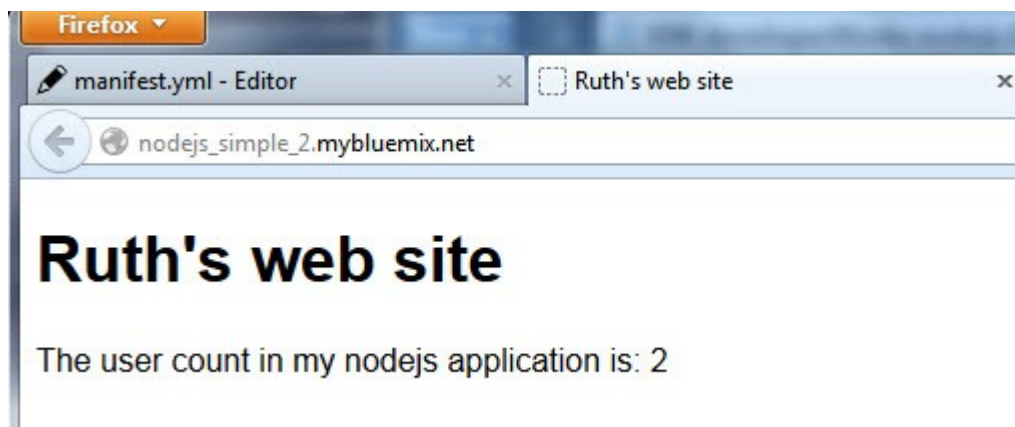


Add HTML to a Node.js Application

- 1 In your web browser, go to IBM Bluemix™ at <https://ibm.biz/bluemix4kids> and **LOG IN**.
- 2 On a separate tab in your browser, go to DevOps Services at <https://hub.jazz.net/> and **SIGN IN**.
- 3 Open the sample project [rewillen | NodeJS Simple 2](#), **EDIT CODE**, and **FORK** like you did on card 2.
*Note: if you are working from a hardcopy type: <https://ibm.biz/nodejs2> or **EXPLORE** for “rewillen”*
- 4 **DEPLOY** the application, follow the link in the green box to “root folder page”, and wait for the Manual Deployment information to display like you did on card 1. Click on [NodeJS_Simple_2](#).
- 5 You should see a formatted HTML page in the new browser tab. Hit **Refresh** in the browser. You should see the count increment.



- 6 Back in DevOps Services, Open the [views](#) folder, and then Click on [index.ejs](#) to edit the HTML.



- 7 Edit the <title> and <h1> tags to say your name `<h1>My name web site</h1>`
- 8 Click on app.js. **DEPLOY** your application and use the Manual Deployment page to see your application. Check that the changes are displayed.

9 Back in DevOps Services, click on [app.js](#). Add a new variable, `userbytwo` and initialize it to 0.

```
9  var userCount = 0;
10 var userbytwo = 0;
```

10 Increment `userbytwo` like this: `userbytwo = userbytwo + 2;`

```
32 userCount++;
33 userbytwo = userbytwo + 2;
```

11 Update the render command to add `userbytwo` as a variable to pass to the HTML page for display like this: `res.render('index', {userCount: userCount, userbytwo: userbytwo});` Your `app.get` code block should now look like this:

```
12 var userCount = 0;
13 var userbytwo = 0; /* added var definition for userbytwo here */
14
15 app.get('/', function(req, res){
16   userCount = userCount + 1;
17   userbytwo = userbytwo + 2; /* added statement to increment userbytwo by two here */
18   res.render('index', {userCount: userCount, userbytwo: userbytwo}); /* updated this line
19 });
--
```

12 Return to the `views` folder, and then Click on `index.ejs`

13 Copy and paste line 9. Update the text and change usercount to `userbytwo` to also display your new variable.

```
14 <p>The user count in my nodejs application is: <%= userCount %></p>
15 <p>The user by two count in my nodejs application is: <%= userbytwo %></p>
--
```

14 Click on `manifest.yml` before deploying. **DEPLOY** your application and use the Manual Deployment page to see your application changes.

15 Experiment with displaying additional information from your node.js server on the HTML page.