

Node Auth Tutorial (JWT)

#9 - Cookies Primer



In this video we'll talk about cookies in general & how they can be set & read from & on the server.



express

Cookies

- Store data in a user's browser
 - name = shaon,
 - Age = 18,
 - IsEmployee = true

- Terminal

```
npm install cookie-parser
```



...

// routes

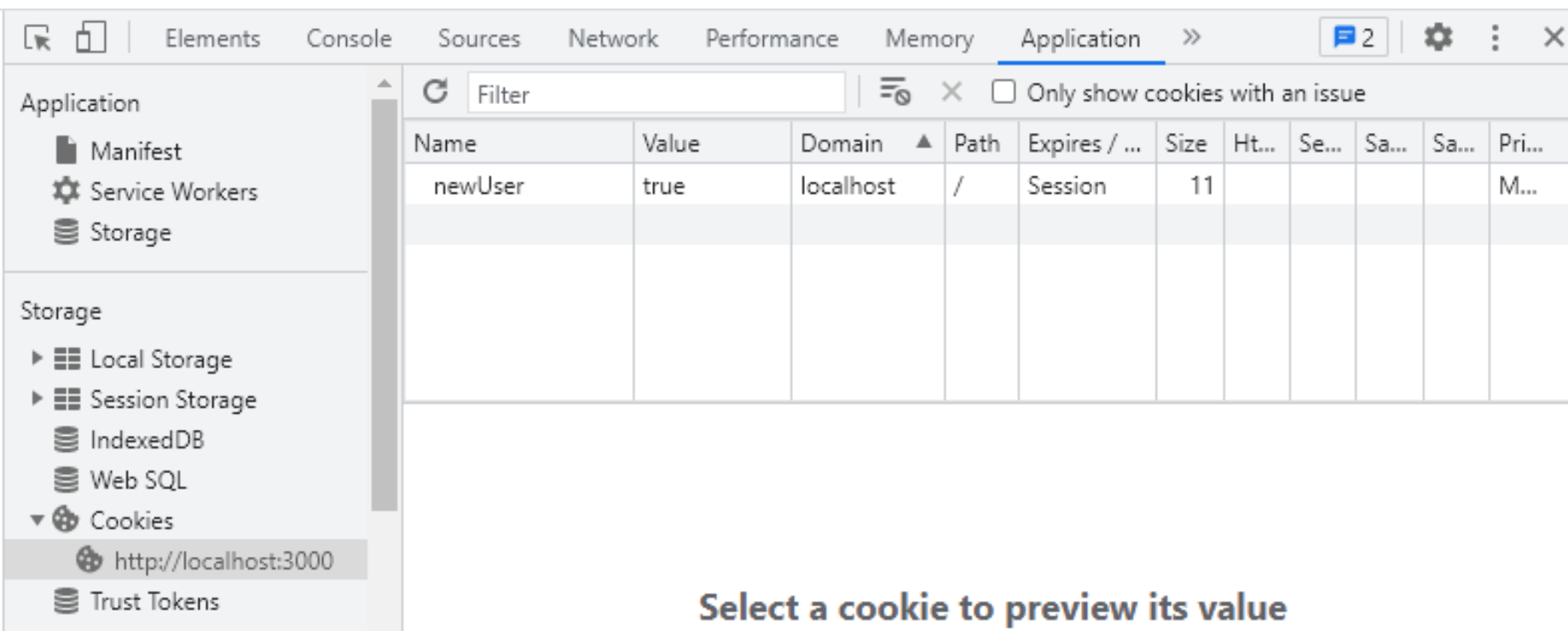
```
app.get('/', (req, res) => res.render('home'));  
app.get('/smoothies', (req, res) => res.render('smoothies'));  
app.use(authRoutes);
```

// cookies

```
app.get('/set-cookies', (req, res) => {  
  res.setHeader('Set-Cookie', 'newUser=true');  
  res.send('you got the cookies!');  
});  
  
app.get('/read-cookies', (req, res) => {  
  });
```

Go to <http://localhost:3000/set-cookies>

you got the cookies!

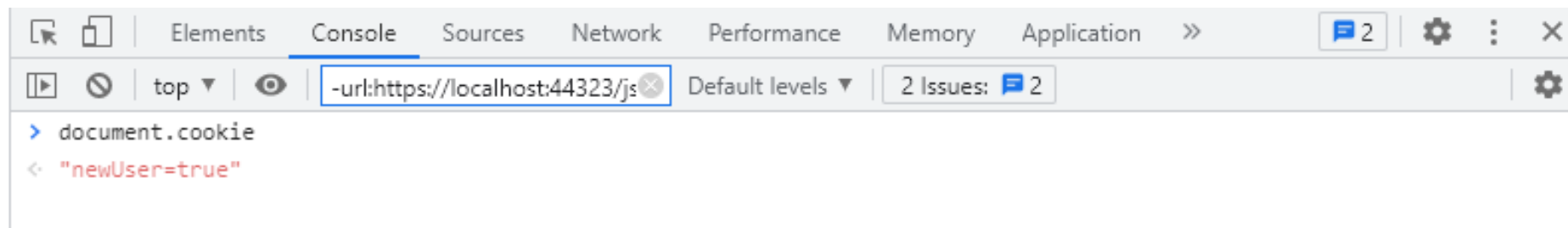


The screenshot shows the Chrome DevTools Application tab. The left sidebar is expanded to 'Storage' > 'Cookies', showing a list of cookies for the current page. The main pane displays a table of cookies. The table has columns: Name, Value, Domain, Path, Expires / ... , Size, Ht..., Se..., Sa..., Sa..., Pri... . One cookie is listed: Name 'newUser', Value 'true', Domain 'localhost', Path '/', Expires 'Session', Size '11'. Below the table, there is a text prompt: 'Select a cookie to preview its value'.

Name	Value	Domain	Path	Expires / ...	Size	Ht...	Se...	Sa...	Sa...	Pri...
newUser	true	localhost	/	Session	11					M...

Select a cookie to preview its value

you got the cookies!



The screenshot shows the Chrome DevTools Console. The address bar shows the URL 'https://localhost:44323/js'. The console output shows the command 'document.cookie' and the result 'newUser=true'.

```
> document.cookie  
< "newUser=true"
```

Go to <http://localhost:3000>

Master Chef Smoothie

Application

- Manifest
- Service Workers
- Storage

Storage

- Local Storage
- Session Storage
- IndexedDB
- Web SQL
- Cookies
 - http://localhost:3000
- Trust Tokens

Filter

☐ Only show cookies with an issue

Name	Value	Domain	Path	Expires / ...	Size	Ht...	Se...	Sa...	Sa...	Pri...
newUser	true	localhost	/	Session	11					M...

Cookie Value ☐ Show URL decoded

true

```
...  
const cookieParser = require('cookie-parser');
```

```
const app = express();
```

```
// middleware
```

```
...  
app.use(cookieParser());
```

```
// view engine
```

```
...
```

```
// cookies
```

```
app.get('/set-cookies', (req, res) => {  
  res.cookie('newUser', false);  
  res.cookie('isEmployee', true, { maxAge: 1000 * 60 * 60 * 24, httpOnly: true });  
  res.send('you got the cookies!');  
});
```

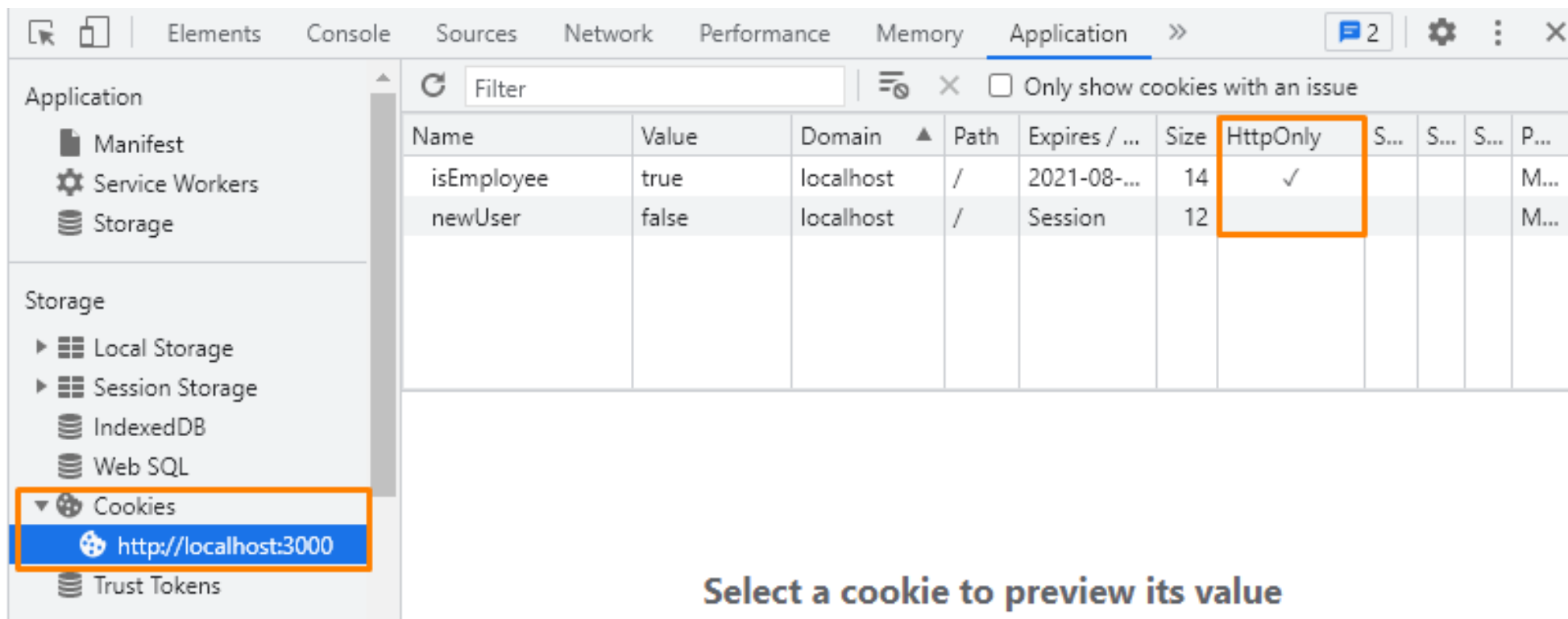
```
app.get('/read-cookies', (req, res) => {  
  const cookies = req.cookies;  
  console.log(cookies.newUser);  
  res.json(cookies);  
});
```

Insert code



Go to <http://localhost:3000/set-cookies>

you got the cookies!



The screenshot shows the Chrome DevTools Application tab. On the left sidebar, under the 'Storage' section, the 'Cookies' folder is expanded, and the cookie for 'http://localhost:3000' is selected. The main panel displays a table of cookies. The 'HttpOnly' column for the selected cookie is highlighted with an orange box. Below the table, the text 'Select a cookie to preview its value' is displayed.

Name	Value	Domain	Path	Expires / ...	Size	HttpOnly	S...	S...	S...	P...
isEmployee	true	localhost	/	2021-08-...	14	✓				M...
newUser	false	localhost	/	Session	12					M...

Select a cookie to preview its value

Go to <http://localhost:3000/read-cookies>

