

Cookies are simple, small files/data that are sent to client with a server request and stored on the client side. Every time the user loads the website back, this cookie is sent with the request. This helps us keep track of the user's actions.

The following are the numerous uses of the HTTP Cookies –

- Session management
- Personalization(Recommendation systems)
- User tracking

To use cookies with Express, we need the cookie-parser middleware. To install it, use the following code –

```
1. npm install --save cookie-parser

2. var cookieParser = require('cookie-parser');
   app.use(cookieParser());

3. var express = require('express');
   var app = express();

   app.get('/', function(req, res){
       res.cookie('name', 'express').send('cookie set'); //Sets name =
       express
   });

   app.listen(3000);
```

In the client (browser):

```
console.log(document.cookie);
```

In the request:

```
req.cookies
```

Setting Expiration Limit

```
//Expires after 360000 ms from the time it is set.
res.cookie(name, 'value', {expire: 360000 + Date.now()});
//This cookie also expires after 360000 ms from the time it is set.
res.cookie(name, 'value', {maxAge: 360000});
```

Deleting Cookies

```
res.clearCookie('foo');
res.send('cookie foo cleared');
```