

devtown

Node Express

CHEAT SHEET



Creating a server with express

import express

```
const express = require("express");
```

create a express app

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

create simple route

```
app.get("/", (req, res) => {  
  res.send("hello express!");  
});
```

start the server

```
app.listen(4000);
```

Apl routes

GET

```
app.get("/", (req, res) => { ... });
```

POST

```
app.post("/add", (req, res) => { ... });
```

PATCH

```
app.patch("/modify", (req, res) => { ... });
```

DELETE

```
app.delete("/delete", (req, res) => { ... });
```

URL Parameters

```
app.get("/user:id", (req, res) => { ... });
```

URL Query Strings

```
app.get("/user?name=steve", (req, res) => { .. });
```

Request Object

```
req.params; // returns the url parameter  
req.query; // returns the query list  
req.body; // returns request body  
req.cookies; // returns cookie data  
req.session; // returns the session object  
req.header; // returns the header object
```

Request Object

```
res.set(headerName, value); // set header  
res.send(data); // sending data to client  
res.json(object); // Shorthand for setting the content  
type to JSON and sending JSON.  
res.status(statusCode); // set HTTP status code  
res.end(); // terminates the request with sending any data
```

HTTP Status Code - BASIC

200	success
400	Bad Request
401	Un-Authorized
403	Forbidden
404	Not Found
500	Internal Server Error