

NODE PROGRAM

METEOR



NODE.JS VERSION: 5.1
LAST UPDATED: JAN 2016

METEOR FEATURES

- WEBSOCKETS
 - MONGODB
- BLAZE/REACT/ANGULAR
 - NODE
- PACKAGES AND HOSTING

METEOR DOWNSIDES

- **OPINIONATED**
- **NO LARGE SCALE ENTERPRISE-GRADE DEPLOYMENT**

METER VS. SPA+REST API

```
$ meteor create app-name  
$ cd app-name  
$ meteor
```

app-name.js	# a JavaScript file loaded on both client and server
app-name.html	# an HTML file that defines view templates
app-name.css	# a CSS file to define your app's styles
.meteor	# internal Meteor files

```
$ meteor update --release VERSION_NUMBER
```

```
if (Meteor.isClient) {  
}
```



```
if (Meteor.isServer) {  
}
```

```
Meteor.startup(function () {  
  // Code to run on server at startup  
});
```

```
var Games = new Mongo.Collection( 'games' )
```

```
<ul>
  {{#each games}}
    {{> game}}
  {{/each}}
</ul>
```

```
if (Meteor.isClient) {  
  // This code only runs on the client  
  Template.body.helpers({  
    games: function () {  
      return Games.find({});  
    }  
  });  
}
```

meteor mongo

```
db.games.insert({ text: "Hello world!", createdAt: new Date() });
```

```
<form class="new-game">  
  <input type="text" name="text" placeholder="Type to add new games" />  
</form>
```

```
Template.body.events({
  "submit .new-game": function (event) {
    // Prevent default browser form submit
    event.preventDefault();

    // Get value from form element
    var text = event.target.text.value;

    // Insert a game into the collection
    Tasks.insert({
      text: text,
      createdAt: new Date() // current time
    });

    // Clear form
    event.target.text.value = "";
  }
});
```

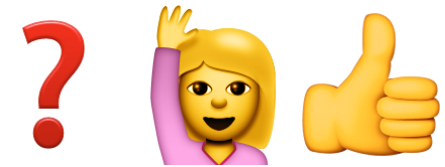


```
// This code only runs on the client
Template.body.helpers({
  games: function () {
    // Show newest games at the top
    return Tasks.find({}, {sort: {createdAt: -1}});
  }
});
```

DEMO

**[HTTPS://GITHUB.COM/AZAT-CO/REACT/TREE/MASTER/CH4/
ROCK-PAPER-SCISSORS](https://github.com/AZAT-CO/REACT/TREE/MASTER/CH4/ROCK-PAPER-SCISSORS)**

QUESTIONS AND EXERCISES



WORKSHOP

[HTTPS://WWW.METEOR.COM/TUTORIALS/BLAZE/CREATING-AN-APP](https://www.meteor.com/tutorials/blaze/creating-an-app)