



CHAT APPLICATION

INSTRUCTIONS

Add the socket.io npm package

Create index.html in the same directory as Index.js

Hit the URL

LOCALHOST:8000/CHAT

INDEX.JS



```

X express = require("express");
var io = require("socket.io")();
var app = express();

app.get("/Chat", (req, res) => {
  res.sendFile(__dirname + "/Chat.html");
});

var hserver = app.listen(8000, () => console.log("Server Started
at 8000"));

io.listen(hserver);

io.on('connection', (socket) => {
  console.log("User Connected");
  socket.join("chatroom");
  socket.on('sendMessage', (payload) =>
  io.in("chatroom").emit('message', payload));
  socket.on('disconnect', () => console.log("User Disconnected"));
});

```

CHAT.HTML


```

<!-- Dependancies -->
<link
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstr
ap.min.css" rel="stylesheet" type="text/css" >
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.mi
n.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap
.min.js"></script>
<script src="/socket.io/socket.io.js"></script>
<nav class="navbar navbar-default">
<div class="container-fluid">
<div class="navbar-header">

```

```
 <div class="navbar-text">RPIAN Chat Client</div>  
</div>  
</nav>  
<!-- ChatApp -->  
<div class="container">  
<div class="jumbotron">  
<div id="namecontainer">  
<label for="name">Name:</label>  
<input type="text" value="Mr Nobody" class="form-control" id="name">  
</div>  
  
<br>  
<br>  
  
<div class="chatwindow">  
<label for="window">Messages:</label>  
<textarea class="form-control" disabled rows="5" id="window">  
</textarea>  
</div>  
  
<br>  
<br>  
  
<div id="chatbox">  
<div class="input-group">  
<input type="text" class="form-control" id="box" placeholder="Write and Send some Message...">  
<span class="input-group-btn">  
<button id="send" class="btn btn-primary" type="button">Send</button>  
</span>  
</div>  
</div>  
</div>  
</div>
```



 - ApplicationController --> script>

```
$(init);  
function init()  
{  
  const socket = io();  
  socket.on('message', (msg) => onMessage(msg));  
  
  function onMessage(msg){  
    $("#window").append(msg.name + ":: " + msg.message + "\n");  
  }  
  
  $("#send").on("click",() => {  
    socket.emit('sendMessage',{ name : $("#name").val(), message :  
    $("#box").val()});  
    $("#box").val("");  
  });  
  
  $("#box").on("keyup",() => {  
    if(event.keyCode == 13){  
      $("#send").click();  
    }  
  });  
}  
</script>
```

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