ДОДАТКИ

Лістинг Б1

var ws = new WebSocket("ws://127.0.0.1:9000/websocket");

console.log(ws);

ws.onmessage = function (event) {

onMessage(event);

};

ws.onopen = function (event) {

logTextToConsole('CONNECTED');

};

ws.onerror = function (event) {

onError(event)

};

var send = function () {

var text = document.getElementById("wsInput").value;

console.log(text);

ws.send(text);

logTextToConsole(text);

};

function logTextToConsole(text) {

var span = document.createTextNode(text);

logElementToConsole(span);

}

function logElementToConsole(element) {

var p = document.createElement('p');

p.style.wordWrap = 'break-word';

p.appendChild(element);

document.getElementById('wsHistory').appendChild(p);

}

function onMessage(evt) {

var span = document.createElement('span');

span.style.wordWrap = 'break-word';

span.style.color = 'blue';

span.innerHTML = 'RECEIVED: ';

var message = document.createTextNode(evt.data);

span.appendChild(message);

logElementToConsole(span);

}

function onError(evt) {

logErrorToConsole('ERROR', evt.data);

}

function clearLog() {

while (document.getElementById('wsHistory').childNodes.length > 0) {

document.getElementById('wsHistory').removeChild(document.getElementById('wsHistory').lastChild);

}

}

Лістинг Б2

package controllers

import javax.inject.\_

import play.api.Play.current

import play.api.\_

import play.api.libs.concurrent.Promise

import play.api.libs.iteratee.{Concurrent, Enumerator, Iteratee}

import play.api.libs.ws.\_

import play.api.mvc.\_

import scala.concurrent.ExecutionContext.Implicits.global

@Singleton

class HomeController @Inject()(ws: WSClient) extends Controller {

def index = Action {

Ok(views.html.index("WebSocket"))

}

def ws = WebSocket.using[String] { request =>

val (out, channel) = Concurrent.broadcast[String]

val in = Iteratee.foreach[String] {

msg => println(msg)

channel push("I received your message: " + msg)

}

(in,out)

}

}

Лістинг Б3

@(message: String)

<!DOCTYPE html>

<html lang="en">

<head>

<title>@message</title>

<link rel="stylesheet" media="screen" href="@routes.Assets.versioned("stylesheets/main.css")">

<link rel="shortcut icon" type="image/png" href="@routes.Assets.versioned("images/favicon.png")">

<script src="@routes.Assets.versioned("javascripts/hello.js")" type="text/javascript"></script>

</head>

<body>

<input type="text" id="wsInput">

<button onclick="send()">Send</button>

<div id="echo-log" style="float: left;

margin-left: 20px;

padding-left: 20px;

width: 350px;

border-left: solid 1px #cccccc;"> <strong>Log:</strong>

<div id="wsHistory"></div>

<button id="clearLogBut" onclick="clearLog()" style="position: relative;

top: 3px;">Clear log</button>

</div>

</body>

</html>