package techbysample.websocket.sample1;

import java.io.IOException;

import javax.websocket.OnClose;

import javax.websocket.OnError;

import javax.websocket.OnMessage;

import javax.websocket.OnOpen;

import javax.websocket.server.ServerEndpoint;

import javax.websocket.Session;

/\*\*

\*

\* @author TechBySample.com

\*

\*/

@ServerEndpoint("/myechoendpoint")

public class EchoEndpoint {

/\*\*

\* Questo metodo viene chiamato quando la connessione è stabilita

\*

\* @param session

\*/

@OnOpen

public void onOpen(Session session){

System.out.println(session.getId() + " has opened a connection");

try {

session.getBasicRemote().sendText("Connection Established");

} catch (IOException ex) {

ex.printStackTrace();

}

}

/\*\*

\* Method is called when user closes the connection.

\*

\* Note: You cannot send messages to the client from this method

\*/

@OnClose

public void onClose(Session session){

System.out.println("Session " +session.getId()+" has ended");

}

/\*\*

\* Method is called when a user sends a message to this server endpoint.

\* Method intercepts the message and allows us to react accordingly.

\*/

@OnMessage

public void onMessage(String message, Session session){

System.out.println("Message from " + session.getId() + ": " + message);

try {

session.getBasicRemote().sendText(message);

} catch (IOException ex) {

ex.printStackTrace();

}

}

/\*\*

\* Method is called when an error occurs.

\*

\* @param e

\*/

@OnError

public void onError(Throwable e){

e.printStackTrace();

}

}

-----------------------------------------------------------------------------------------------------------------

<!DOCTYPE html>

<html>

<head>

<meta charset=UTF-8>

<title>Tomcat WebSocket Chat</title>

<script>

var ws = new WebSocket("ws://" + location.host + "/Esempio/myechoendpoint");

ws.onopen = function(){

console.log("open!");

};

ws.onmessage = function(message){

document.getElementById("chatlog").textContent += message.data + "\n";

};

function postToServer(){

\ ws.send(document.getElementById("msg").value);

document.getElementById("msg").value = "";

}

function closeConnect(){

ws.close();

}

</script>

</head>

<body>

<textarea id="chatlog" readonly></textarea><br/>

<input id="msg" type="text" />

<button onClick="postToServer()">Send!</button>

<button onClick="closeConnect()">End</button>

</body>

</html>