

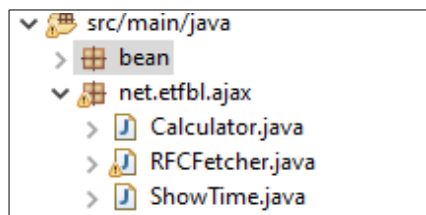
САДРЖАЈ

Линкови

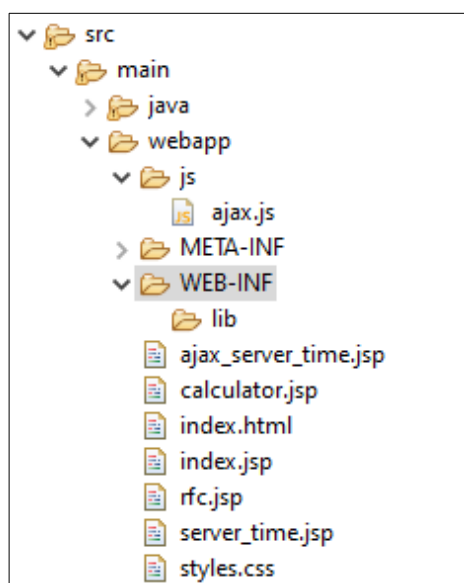
[ajax server time.jsp](#)
[calculator.jsp](#)
[index.html](#)
[index.jsp](#)
[js\ajax.js](#)
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КОД



ВЕР



CALCULATOR.JAVA

```
1 package net.etfbl.ajax;
2
3 import java.io.IOException;
4
5 /**
6  * Servlet implementation class Calculator
7  */
8 @WebServlet("/Calculator")
9 public class Calculator extends HttpServlet {
10     private static final long serialVersionUID = 1L;
11
12     /**
13      * @see HttpServlet#HttpServlet()
14      */
15     public Calculator() {
16         super();
17         // TODO Auto-generated constructor stub
18     }
19
20     /**
21      * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
22      */
23     protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
24         response.setHeader("Cache-Control", "no-cache");
25         response.setHeader("Pragma", "no-cache");
26         PrintWriter out = response.getWriter();
27         try {
28             int operand1 = Integer.parseInt(request.getParameter("operand1"));
29             int operand2 = Integer.parseInt(request.getParameter("operand2"));
30             out.println(operand1 + operand2);
31         } catch (NumberFormatException e) {
32             out.println("Number Format Exception...");
33         }
34         out.close();
35     }
36
37     /**
38      * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
39      */
40     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
41         doGet(request, response);
42     }
43 }
```

SHOW TIME.JAVA

```
1 package net.etfbl.ajax;
2
3 import java.io.IOException;
4
5 /**
6  * Servlet implementation class ShowTime
7  */
8 @WebServlet("/ShowTime")
9 public class ShowTime extends HttpServlet {
10     private static final long serialVersionUID = 1L;
11
12     /**
13      * @see HttpServlet#HttpServlet()
14      */
15     public ShowTime() {
16         super();
17         // TODO Auto-generated constructor stub
18     }
19
20     /**
21      * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
22      */
23     protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
24         response.setHeader("Cache-Control", "no-cache");
25         response.setHeader("Pragma", "no-cache");
26         PrintWriter out = response.getWriter();
27         Date currentTime = new Date();
28         SimpleDateFormat sdf = new SimpleDateFormat("HH:mm:ss dd.MM.yyyy.");
29         String message = "Sada je " + sdf.format(currentTime) + " godine!";
30         out.print(message);
31     }
32 }
```

RFC_FETCHER.JAVA

```
1 package net.etfbl.ajax;
2
3 import java.io.BufferedReader;
4
5
6
7
8
9
10
11
12
13
14
15
16
17 /**
18  * Servlet implementation class RFCFetcher
19  */
20 @WebServlet("/RFCFetcher")
21 public class RFCFetcher extends HttpServlet {
22     private static final long serialVersionUID = 1L;
23
24     /**
25      * @see HttpServlet#HttpServlet()
26      */
27     public RFCFetcher() {
28         super();
29         // TODO Auto-generated constructor stub
30     }
31
32     /**
33      * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
34      *      response)
35      */
36     protected void doGet(HttpServletRequest request, HttpServletResponse response)
37         throws ServletException, IOException {
38         String rfc = request.getParameter("rfc");
39         String url = "https://tools.ietf.org/rfc/rfc" + rfc + ".txt";
40         URL rfcURL = new URL(url);
41         URLConnection urlConnection = rfcURL.openConnection();
42         BufferedReader br = new BufferedReader(new InputStreamReader(urlConnection.getInputStream()));
43         String input;
44         String output = "";
45         while ((input = br.readLine()) != null) {
46             output += input + "<br/>";
47         }
48         PrintWriter pw = response.getWriter();
49         pw.println(output);
50         pw.close();
51         br.close();
52     }
53
54     /**
55      * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
56      *      response)
57      */
58     protected void doPost(HttpServletRequest request, HttpServletResponse response)
59         throws ServletException, IOException {
60         // TODO Auto-generated method stub
61         doGet(request, response);
62     }
63
64 }
65
```

STYLES.CSS

```
1 .ajaxResult {
2     color: #440000;
3     font-weight: bold;
4     font-size: 18px;
5     font-family: Arial, Helvetica, sans-serif;
6 }
```

INDEX.HTML

AJAX

[Server Time](#)
[Calculator](#)
[RFC](#)

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="UTF-8">
5   <title>AJAX</title>
6 </head>
7 <body>
8   <h3>AJAX</h3>
9   <a href="server_time.jsp" target="_blank">Server Time</a><br>
10  <a href="calculator.jsp" target="_blank">Calculator</a><br>
11  <a href="rfc.jsp" target="_blank">RFC</a><br>
12 </body>
13 </html>
```

CALCULATOR.JSP

| | |
|--------------------------------------|--------------------------------|
| Prvi operand: | <input type="text" value="2"/> |
| Drugi operand: | <input type="text" value="3"/> |
| <input type="button" value="Saber"/> | 5 |

НИЈЕ БИЛО ОСВЈЕЖАВАЊА ЦИЈЕЛЕ СТРАНИЦЕ

```
1 <?xml version="1.0" encoding="ISO-8859-1" ?>
2 <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
3   pageEncoding="ISO-8859-1"%>
4 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5 <html xmlns="http://www.w3.org/1999/xhtml">
6 <head>
7 <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
8 <title>Insert title here</title>
9 <script type="text/javascript" src="js/ajax.js"></script>
10 <link rel="stylesheet" href="styles.css" type="text/css"/>
11 </head>
12 <body>
13 <table>
14 <tr>
15 <td>Prvi operand:</td><td><input type="text" name="operand1" id="operand1"></input></td>
16 </tr>
17 <tr>
18 <td>Drugi operand:</td><td><input type="text" name="operand2" id="operand2"></input></td>
19 </tr>
20 <tr>
21 <td><input type="button" value="Saber" onclick='ajaxCalculate("Calculator", "operand1", "operand2", "calculator-placeholder")'/></td><td>
22 </td>
23 </tr>
24 </table>
25 </body>
26 </html>
```

```
<td><div id="calculator-placeholder" class="ajaxResult"></div></td>
```

RFC dokument:

[Učitaj RFC](#)

Network Working Group J. Reynolds
Request for Comments: 1000 J. Postel
ISI
August 1987

Obsoletes: RFCs 084, 100, 160, 170, 200, 598, 699, 800, 899, 999

THE REQUEST FOR COMMENTS REFERENCE GUIDE

STATUS OF THIS MEMO

This RFC is a reference guide for the Internet community which summarizes of all the Request for Comments issued between April 1969 and March 1987. This guide also categorizes the RFCs by topic.

INTRODUCTION

This RFC Reference Guide is intended to provide a historical account by categorizing and summarizing of the Request for Comments numbers 1 through 999 issued between the years 1969-1987. These documents have been crossed referenced to indicate which RFCs are current, obsolete, or revised. Distribution of this memo is unlimited.

THE ORIGINS OF RFCS - by Stephen D. Crocker

The DDN community now includes hundreds of nodes and thousands of users, but once it was all a gleam in Larry Roberts' eye. While much of the development proceeded according to a grand plan, the design of the protocols and the creation of the RFCs was largely accidental.

The procurement of the ARPANET was initiated in the summer of 1968 --

НИЈЕ БИЛО ОСВЈЕЖАВАЊА ЦИЈЕЛЕ СТРАНИЦЕ, САМО УЧИТАВАЊЕ ТЕКСТА РФЦ
ДОКУМЕНТА СА ИНТЕРНЕТА

```

1 <?xml version="1.0" encoding="UTF-8" ?>
2 <%@ page language="java" contentType="text/html; charset=UTF-8"
3   pageEncoding="UTF-8"%>
4 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5 <html xmlns="http://www.w3.org/1999/xhtml">
6 <head>
7 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
8 <title>Insert title here</title>
9 <script type="text/javascript" src="js/ajax.js"></script>
10 <link rel="stylesheet" href="styles.css" type="text/css"/>
11 </head>
12 <body>
13 <table>
14 <tr>
15 <td>RFC dokument:</td><td><input type="text" name="rfc" id="rfc"></input></td>
16 </tr>
17 <tr>
18 <td><input type="button" value="Učitaj RFC" onclick='loadRFC("rfc", "rfc-placeholder")'></td>
19 </tr>
20 </table>
21 <div id="rfc-placeholder"></div>
22 </body>
23 </html>

```

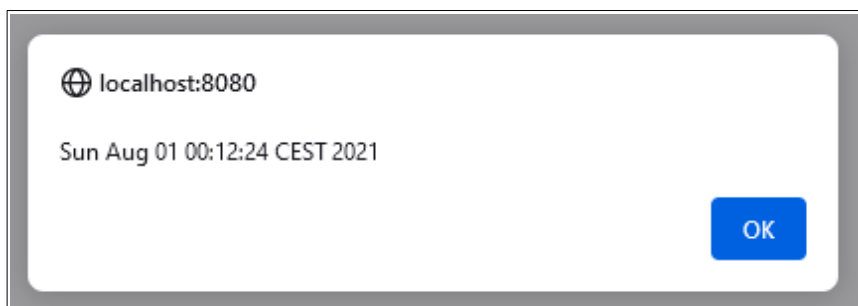
SERVER TIME.JSP

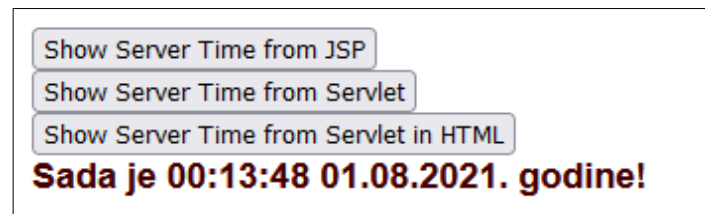
```

1 <?xml version="1.0" encoding="ISO-8859-1" ?>
2 <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
3   pageEncoding="ISO-8859-1"%>
4 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5 <html xmlns="http://www.w3.org/1999/xhtml">
6 <head>
7 <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
8 <title>Insert title here</title>
9 <script type="text/javascript" src="js/ajax.js"></script>
10 <link rel="stylesheet" href="styles.css" type="text/css"/>
11 </head>
12 <body>
13 <input type="button" value="Show Server Time from JSP" onclick='ajaxAlert("ajax_server_time.jsp")'>
14 <br />
15 <input type="button" value="Show Server Time from Servlet" onclick='ajaxAlert("ShowTime")'>
16 <br />
17 <input type="button" value="Show Server Time from Servlet in HTML" onclick='ajaxAlert2("ShowTime", "time-placeholder")'>
18 <div id="time-placeholder" class="ajaxResult"></div>
19 </body>
20 </html>

```

РЕЗУЛТАТИ





AJAX SERVER TIME.JSP

```
<%= new java.util.Date() %>
```

AJAX.JS

```
31 function ajaxCalculate(address, field1, field2, resultRegion) {
32     var operandValue1 = "operand1=" + getValue(field1);
33     var operandValue2 = "operand2=" + getValue(field2);
34     var finalAddress = address + "?" + operandValue1 + "&" + operandValue2;
35     ajaxAlert2(finalAddress, resultRegion);
36 }
37
38 function getValue(id) {
39     return(escape(document.getElementById(id).value));
40 }
41
42
43 function loadRFC(field, resultRegion) {
44     var address = "RFCFetcher?rfc=" + getValue(field);
45     var request = new XMLHttpRequest();
46     request.onreadystatechange = function() {
47         document.getElementById(resultRegion).innerHTML = request.responseText;
48     };
49     request.open("GET", address, true);
50     request.send(null);
51 }
```

```

1 function ajaxAlert(address) {
2     var request = new XMLHttpRequest();
3     request.onreadystatechange =
4         function() { showResponseAlert(request); };
5     request.open("GET", address, true);
6     request.send(null);
7 }
8
9 function showResponseAlert(request) {
10     if ((request.readyState == 4) &&
11         (request.status == 200)) {
12         alert(request.responseText);
13     }
14 }
15
16 function ajaxAlert2(address, resultRegion) {
17     var request = new XMLHttpRequest();
18     request.onreadystatechange =
19         function() { showResponseText(request, resultRegion); };
20     request.open("GET", address, true);
21     request.send(null);
22 }
23
24 function showResponseText(request, resultRegion) {
25     if ((request.readyState == 4) &&
26         (request.status == 200)) {
27         document.getElementById(resultRegion).innerHTML = request.responseText;
28     }
29 }
30
31 function ajaxCalculate(address, field1, field2, resultRegion) {
32     var operandValue1 = "operand1=" + getValue(field1);
33     var operandValue2 = "operand2=" + getValue(field2);
34     var finalAddress = address + "?" + operandValue1 + "&" + operandValue2;
35     ajaxAlert2(finalAddress, resultRegion);
36 }
37

```