

HTML-DHTML

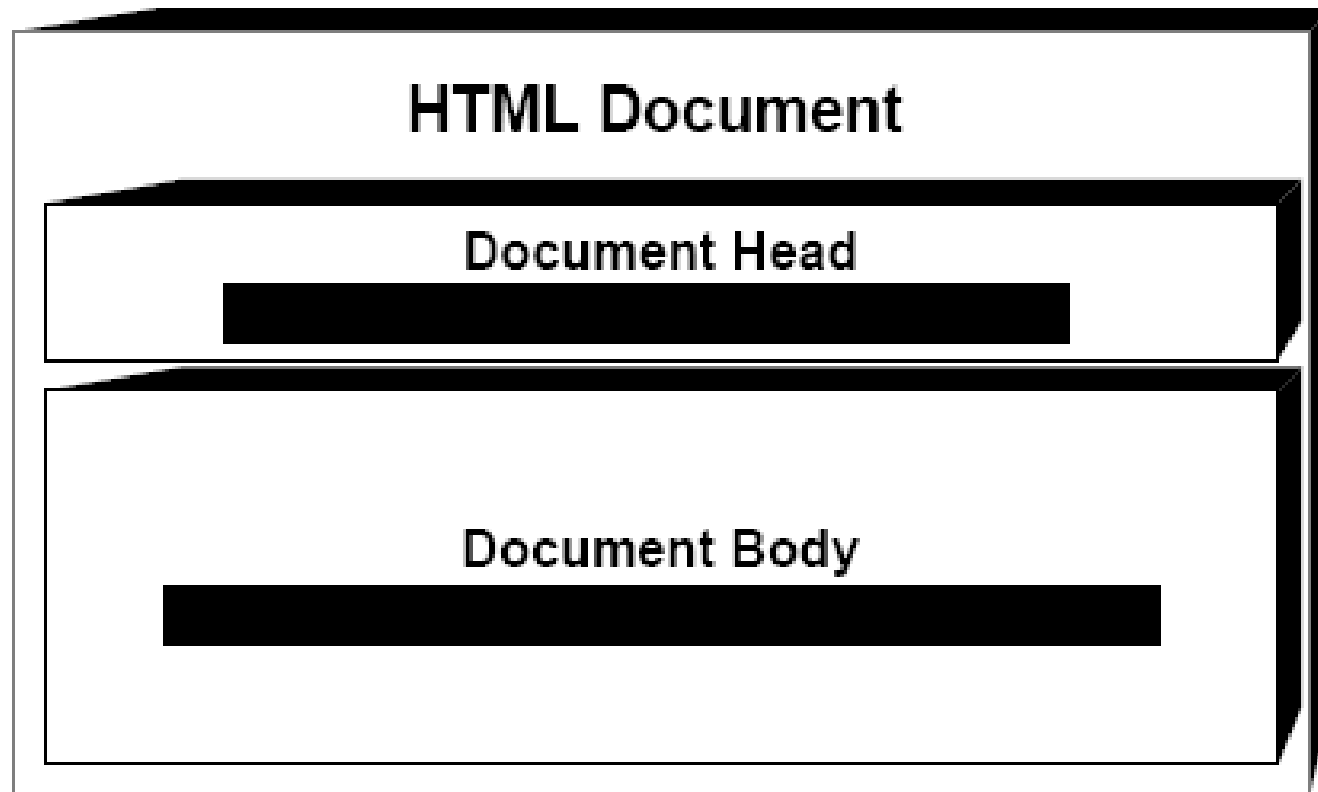


Cuprins

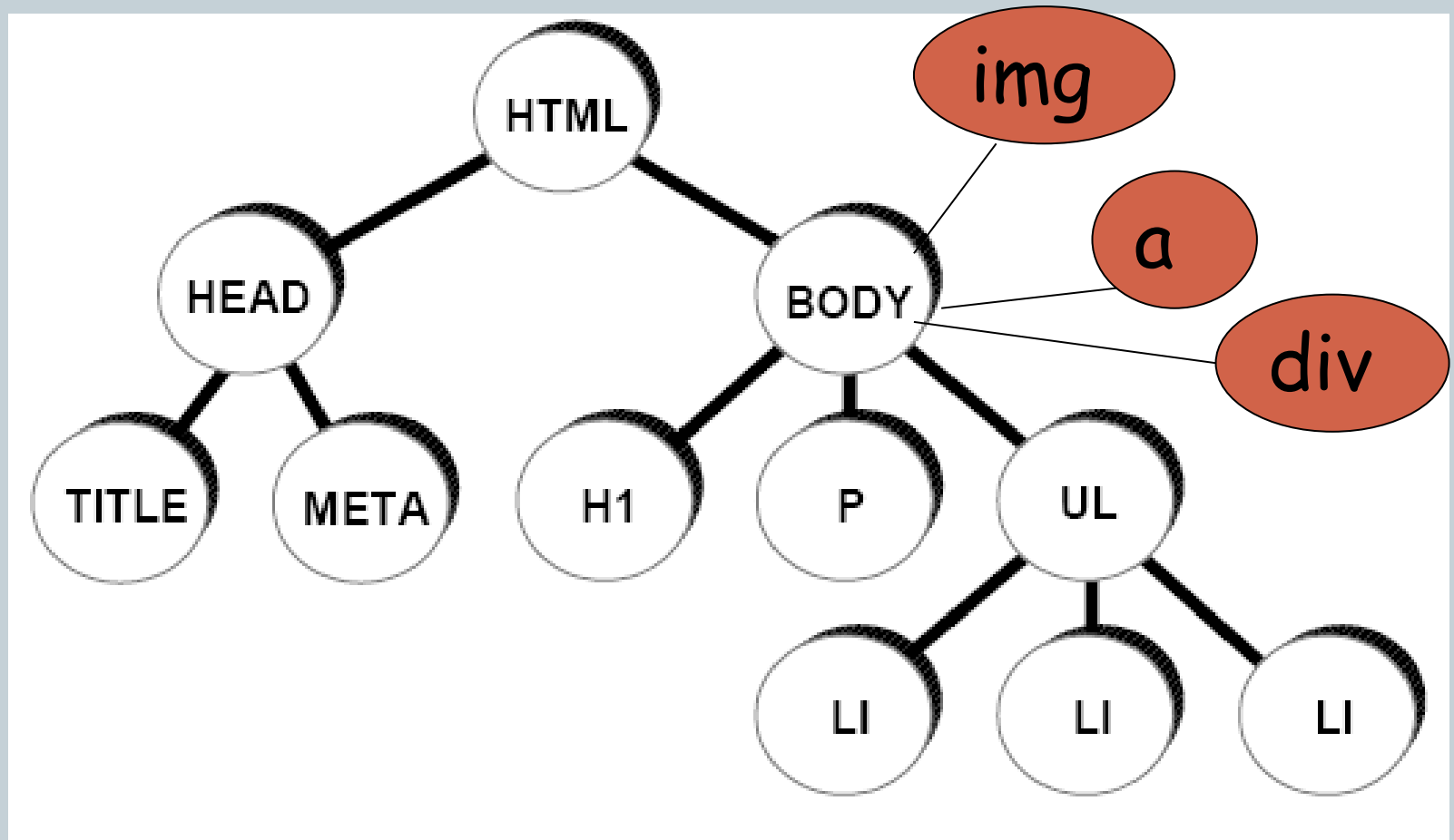


- Structura unei pagini HTML
- Tabele ca mijloc de formatare
- Formulare în HTML (introducerea de date)
- Interfața
- Framesets și Frames
- Dynamic HTML (DHTML)

Structura unei pagini HTML (1)



Structura unei pagini HTML (2)



Elemente - HEAD



- Titlul documentului: **<title>**
 - ca titlul pentru ferestre
- Adresa de baza: **<base>**
 - importanta pentru interpretarea UR-urilor relative
 - `<head>`
`<base href="http://www.w3schools.com/images/" />`
`</head>`
- Link spre alte resurse: **<link>**
 - importanta pentru relatii intre resurse
- Style Sheets: **<style>**
- Tag-uri care marcează inserarea de scripturi care se execută la nivel de browser: `<script>`
- Meta-Informatie: **<META>**



Meta - informatie



- `<meta name="resource-type" content="document">`
- `< meta name="description" content="a description of your page">`
- `<meta name="keywords" content="a, list, of, keywords">`
- `<meta name="distribution" content="one of several">`

- `<meta name="copyright" content="copyright statement"`
- `<meta HTTP-EQUIV="varname" content="data"`
- `<meta HTTP-EQUIV="refresh" content="0; url=homepage.htm"`

Ex. www.ulbsibiu.ro

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="reply-to" content="webmaster@ulbsibiu.ro">
<meta content="Centrul de Comunicații al ULBS" name=author>
<meta content="ULBS - Universitatea 'Lucian Blaga' - Sibiu"
  name=description>
<meta content="ULBS - Centrul de Comunicații" name=copyright>
<meta content="General " name=rating>
<meta content="ALL" name=robots>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="pics-label" content='(pics-1.1
  "http://www.icra.org/ratingsv02.html" l gen true for
  "www.ulbsibiu.ro" r (nz 1 vu 1 lz 1 oz 1 cb 1 )
  "http://www.rsac.org/ratingsv01.html" l gen true for
  "www.ulbsibiu.ro" r (n 0 s 0 v 0 l 0 ))'>
<meta http-equiv="author" content="Centrul de Comunicatii al
  ULBS, Zeno POPOVICI, Eduard STOICA">
```

Ex. www.ulbsibiu.ro



```
<meta http-equiv="keywords" content="Universitatea Lucian
Blaga, Lucian Blaga University, Romania, Faculties,
Education, Educatie, Universitate, Sibiu, Invatamant,
Facultate, Litere, Istorie, Jurnalistica, Rectorat, Burse,
Profesori, Studenti, SAIAPM, Stiinte">
<meta http-equiv="imagetoolbar" content="no"> <meta name="no-
email-collection"
content="http://www.ulbsibiu.ro/ro/disclaimer/index.php">
<meta name="verify-v1"
content="Nod7kiQ/HI+E9XJ4mCIZXHo8SpwTwyVziKUJ475bR0s=">
<meta name="y_key" content="6ed3ba97ba27526f">
<meta name="msvalidate.01"
content="B7C93888DCCE407CBE21D7CE86E5DEB8">
<title>:: U L B S :: Universitatea &quot;Lucian Blaga&quot; din
Sibiu</title>
<link rel="SHORTCUT ICON"
href="http://www.ulbsibiu.ro/obj/img/other/favicon.ico">
<link rel="stylesheet" type="text/css"
href="/obj/src/global.css">
<link rel="alternate" type="application/rss+xml"
title="Universitatea 'Lucian Blaga' - Știri"
href="/obj/server_scripts/rss.php?lang=ro">
```

Elemente - BODY



- Titluri (heading-uri) `<h1>` – `<h6>`
- Paragrafe `<p>`, salt la rand nou `<br />`
- Liste (ordonate `<ol>` și neordonate `<ul>`)
- Hyperlink-uri `<a>.....</a>`
- Linii orizontale `<hr />` `<vr /> (?)`

- Tabele `<table><tr><td>baburiba</td></tr></table>`
- Imagini ``
- Obiecte externe (de ex. Applets)
- Formulare

Tabele – Tag-uri



- **<table>, <caption>, <tr>, <th>, <td>**

```
<table border="1"><caption>Acesta este titlul tabelului</caption>
```

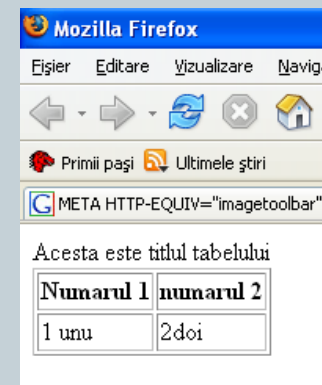
```
<tr><th>Numarul 1 </th>
```

```
<th>numarul 2</th></tr>
```

```
<tr><td>1 unu </td>
```

```
<td>2doi</td></tr></table>
```

- Desenarea marginilor cu BORDER
- latimea in procente sau pixeli (WIDTH)
- distanta dintre celule (CELLSPACING)
- distanta textului de la marginea celulei (CELLPADDING)
- COLSPAN si ROWSPAN (<th>, <td>)

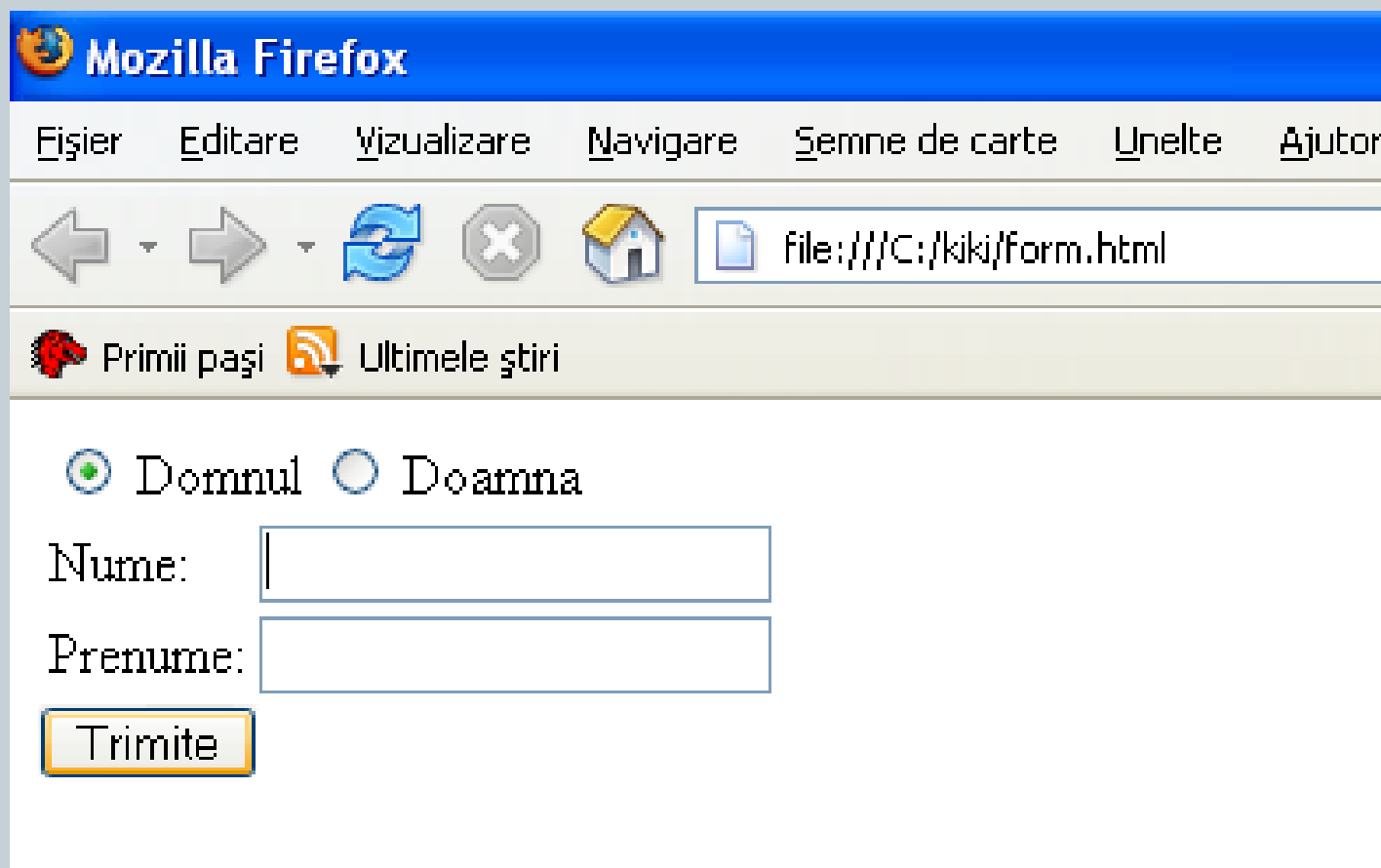


Formulare HTML



- fac posibila introducerea/preluarea de date
- au nevoie de un script care sa le execute
- `<form action="URL" <!scriptul care se va executa>`
- `method="GET"/"POST"` <!determină metoda de trimitere a datelor>
- `<input />` definește elemente de introducere
- `<textarea>` pt text pe mai multe randuri
- `<select>` definește liste de optiuni
- se accepta și alte elemente html

Exemplu de formular



The image shows a screenshot of a Mozilla Firefox browser window. The title bar reads "Mozilla Firefox". The menu bar includes "Fișier", "Editare", "Vizualizare", "Navigare", "Semne de carte", "Unelte", and "Ajutor". The toolbar contains navigation buttons (back, forward, reload, stop, home) and a address bar showing "file:///C:/kiki/form.html". Below the toolbar, there are links for "Primii pași" and "Ultimele știri". The main content area displays a form with two radio buttons: "Domnul" (selected) and "Doamna". Below these are two text input fields labeled "Nume:" and "Prenume:". At the bottom of the form is a "Trimite" button.

Mozilla Firefox

Fișier Editare Vizualizare Navigare Semne de carte Unelte Ajutor

file:///C:/kiki/form.html

Primii pași Ultimele știri

☒ Domnul ☐ Doamna

Nume:

Prenume:

Trimite

Formular



```
<form action="formular.php" method="get">
<table>
  <tr>
    <td colspan=2>
      <input type="radio" name="a" value="h" /> domnul
      <input type="radio" name="a" value="f" /> doamna

  <tr>
    <td>name:
    <td><input type="text" name="nu" size="20" >
  </tr>
  <tr>
    <td>vorname:
    <td><input type="text" name="pre" size="20">
  </tr>
</table>
<input type="submit" value="trimite"/>
</form>
```

Ceva erori?

Formular



...

```
<?php
```

```
$nume= $_GET['Nu'];
```

```
$prenume= $_GET['Pre'];
```

```
$titlu= $_GET['A'];
```

```
if ($titlu=="Do")
```

```
echo "Domnul";
```

```
else
```

```
echo "Doamna";
```

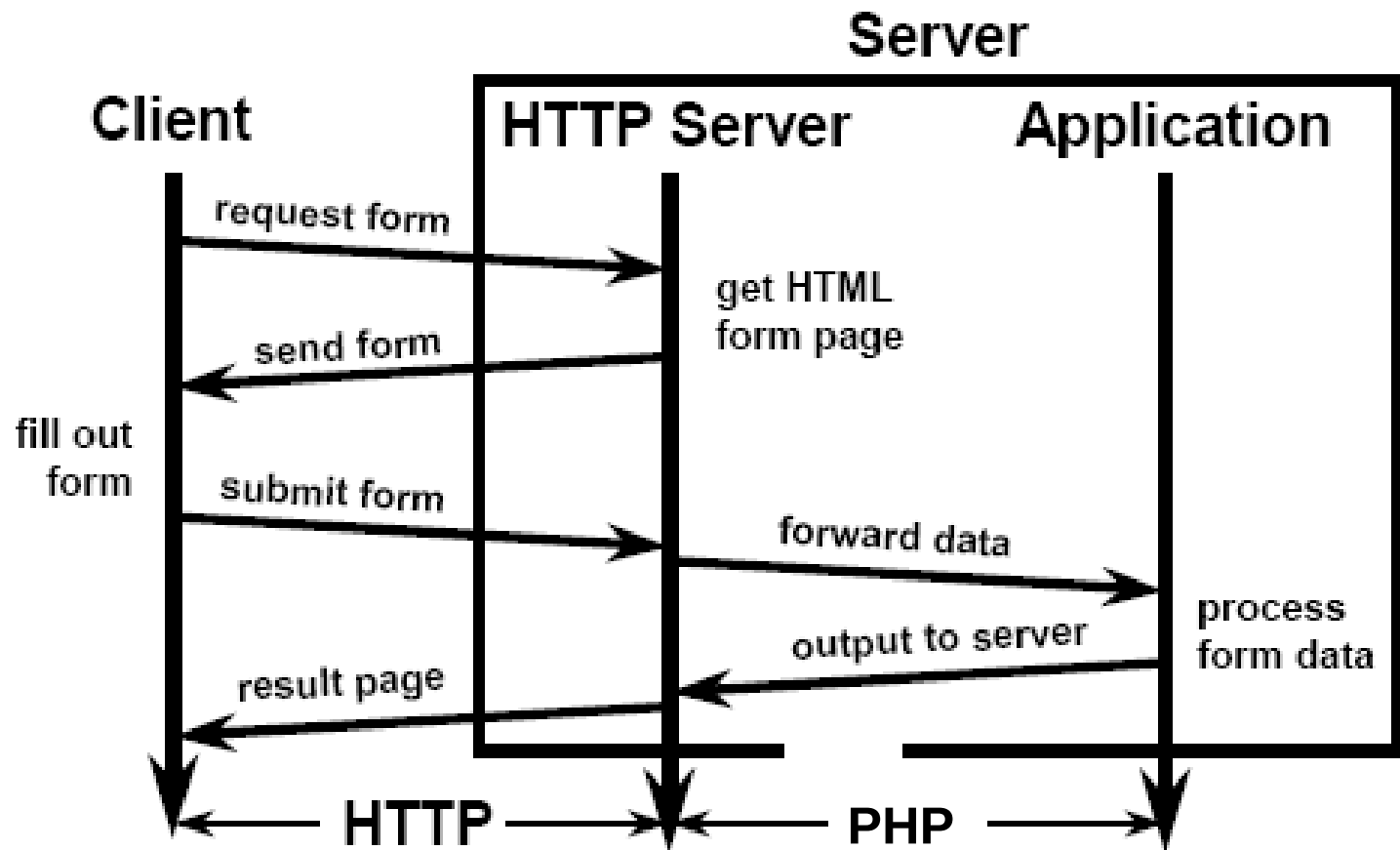
```
echo "Numele este:" $nume;
```

```
echo "Prenumele este:" $prenume;
```

```
?>
```

...

Form Handling



Frame-uri



```
<frameset rows="33%,33%,33%">  
  <frameset cols="50%,50%">  
    <frame src="" name="fr1">  
    <frame src="" name="fr2">  
  </frameset>  
  <frame src="" name="fr3">  
  <frame src="" name="fr4">  
</frameset>  
<noframes><body>  
...contents to display in  
non-frame-capable user agent...  
</body></noframes>
```

frame1	frame2
frame3	
frame4	

Probleme cu frame-urile



- mult timp nestandard HTML
- preluate doar în HTML 4.0
- nu toate browser-ele le suportă
- reprezentarea problematică
 - scroll
 - rezolutii mici!!!
- Probleme cu Search Engines
 - Framesets sunt de obicei ignorate
- Concluzie: A se folosi cu “grija”