# HTML&CSS

design and build websites



### Warum Formulare?





## Eingabefelder

#### ADDING TEXT:

Text input (single-line)

Ivy

Password input

•••••

Text area (multi-line)

Enter your comments...

#### MAKING CHOICES:

Radio buttons

● Rock ○ Pop ○ Jazz

Checkboxes

iTunes □ Last.fm □ Spotify

Drop-down boxes

iPod

#### SUBMITTING FORMS:

Submit buttons

Subscribe

Image buttons

SUBSCRIBE

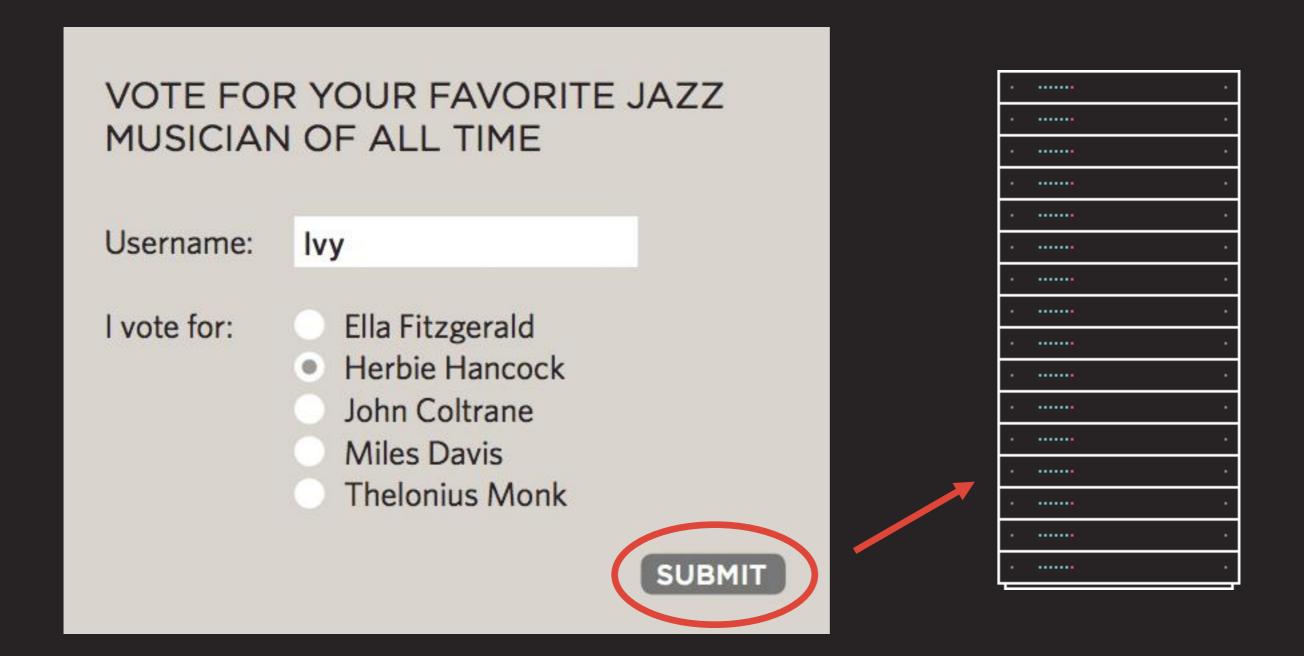
#### **UPLOADING FILES:**

File upload

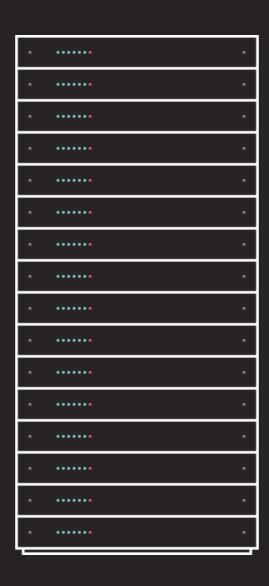
Upload Browse...



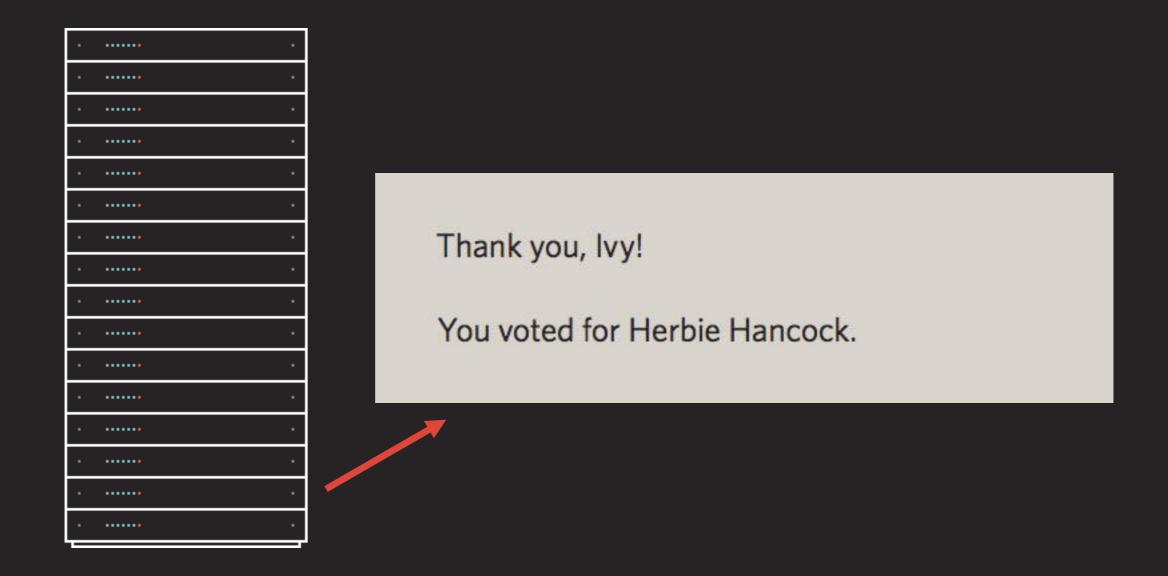
1: Der Benutzer füllt das Formular aus und drückt den SUBMIT-Button um die Informationen an den Server zu übertragen.



2: Der Name jedes Formularfeldes wird zusammen mit dem vom Benutzer angegebenen Wert gesendet.

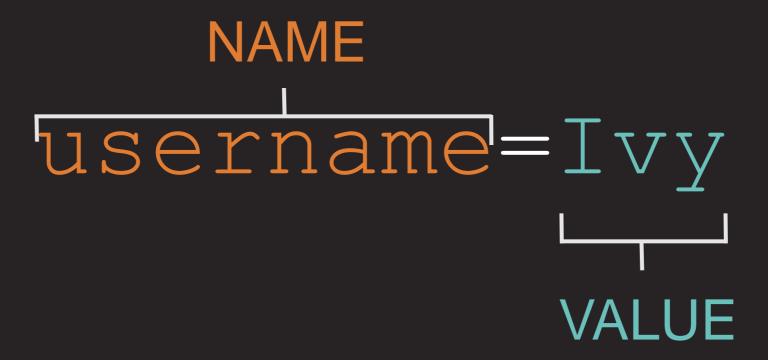


3: Auf dem Server werden diese Informationen mit einer Programmiersprache (PHP, ASP, PERL, JAVA, ColdFusion, ... ausgewertet.



4: Der Benutzer erhält aufgrund seiner Angaben eine Bestätigung.

### NAME & VALUE Paare



## Wohin werden die Daten gesendet?

HTML

```
<form
    action="http://example.com/join.php"
    method="get">

    This is where the form controls
    will appear.
</form>
```

## Wie werden die Daten gesendet?

```
HTML
```

```
<form
    action="http://example.com/join.php"
    method="get">

    This is where the form controls
    will appear.
</form>
```

## Textfeld: Attribut type

```
HTML
```

#### Textfeld: Attribut name

```
HTML
```

## Textfeld: Attribut maxlength

```
HTML
```

## Textfeld: Attribut required

```
HTML
```



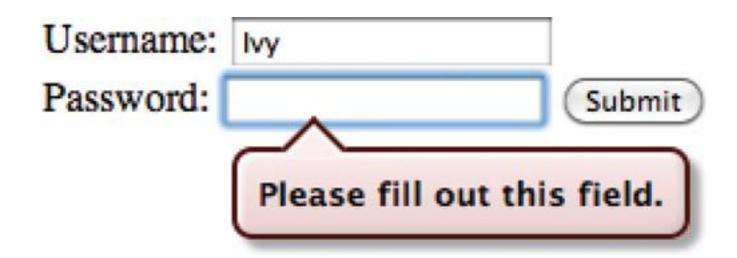
Username:

### Passwordfeld

```
HTML
```

```
Username:
 <input type="text" name="username"</pre>
   maxlength="30" required />
Password:
 <input type="password" name="password"</pre>
   maxlength="30" required />
```

**HTML** 



#### Textarea

```
HTML
```

```
What did you think of this gig?
<textarea name="comments"
    cols="20" rows="4">
    Enter your comments...
<textarea/>
```



#### What did you think of this gig?

Enter your comments...

```
Your favorite genre:<br />
                                           HTML
 <input type="radio" name="genre"</pre>
   value="rock" checked="checked" /> Rock
 <input type="radio" name="genre"</pre>
   value="pop" /> Pop
 <input type="radio" name="genre"</pre>
   value="jazz" /> Jazz
```

```
Your favorite genre:<br />
                                           HTML
 <input type="radio" name="genre"</pre>
   value="rock" checked="checked" /> Rock
 <input type="radio" name="genre"</pre>
   value="pop" /> Pop
 <input type="radio" name="genre"</pre>
   value="jazz" /> Jazz
```

```
Your favorite genre:<br />
                                            HTML
 <input type="radio" name="genre"</pre>
   value="rock" checked="checked" /> Rock
 <input type="radio" name="genre"</pre>
   value="pop" /> Pop
 <input type="radio" name="genre"</pre>
   value="jazz" /> Jazz
```

```
Your favorite genre:<br />
                                            HTML
 <input type="radio" name="genre"</pre>
   value="rock" checked="checked" /> Rock
 <input type="radio" name="genre"</pre>
   value="pop" /> Pop
 <input type="radio" name="genre"</pre>
   value="jazz" /> Jazz
```



Please select your favorite genre:

Rock Pop Jazz

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```

HTML

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```

```
Your favorite music service:<br />
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  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
  value="Spotify" /> Spotify
```

HTML

```
HTML
```

```
Your favorite music service:<br />
 <input type="checkbox" name="service"</pre>
  value="iTunes"
  checked="checked" /> iTunes
 <input type="checkbox" name="service"</pre>
  value="Last.fm" /> Last.fm
 <input type="checkbox" name="service"</pre>
 value="Spotify" /> Spotify
```



Your favorite music service:

iTunes □ Last.fm □ Spotify

#### DROP DOWN

HTML

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

## DROP DOWN Optionen

```
HTML
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

#### DROP DOWN LIST BOX

HTML

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```

#### DROP DOWN LIST BOX

```
HTML
```

```
<select name="devices">
 <option value="iPod"</pre>
  selected="selected">iPod</option>
 <option value="radio">Radio</option>
 <option value="PC">Computer</option>
</select>
```





### SUBMIT BUTTON

```
HTML
```

```
<form action="http://eg.com/email.php">
Subscribe to our email list:
 <input type="text" name="email" />
 <input type="submit"</pre>
        value="Subscribe" />
</form>
```

### SUBMIT BUTTON

```
HTML
```



Subscribe to our email list:

Subscribe

#### **IMAGE BUTTON**

```
HTML
```

```
<form action="http://eg.com/email.php">
Subscribe to our email list:
 <input type="text" name="email" />
 <input type="image"</pre>
    src="images/subscribe.jpg"
    width="100" height="20" />
</form>
```

### **IMAGE BUTTON**

```
HTML
```

```
<form action="http://eg.com/email.php">
Subscribe to our email list:
 <input type="text" name="email" />
 <input type="image"</pre>
    src="images/subscribe.jpg"
    width="100" height="20" />
</form>
```

#### **IMAGE BUTTON**

```
HTML
```

```
<form action="http://eg.com/email.php">
Subscribe to our email list:
 <input type="text" name="email" />
 <input type="image"</pre>
    src="images/subscribe.jpg"
    width="100" height="20" />
</form>
```



Subscribe to our email list:

SUBSCRIBE

### BUTTONS

```
HTML
```

#### BUTTONS

```
HTML
```



#### Versteckte Formularfelder

```
HTML
```

```
<form action="http://eg.com/add.php">
 <button>
   <imq src="images/add.gif" alt="add"</pre>
    width="10" height="20" /></button>
 <input type="hidden" name="bookmark"</pre>
   value="lyrics" />
</form>
```



## Beschriftung von Formularfeldern

```
<form action="http://eg.com/email.php">
 <label>Age:
 <input type="text" id="age" name="Age" />
 </label>
 Gender:
 <input id="female" type="radio"</pre>
   name="gender" value="f" />
 <label for="female">Female/label>
 <input id="male" type="radio"</pre>
   name="gender" value="m" />
 <label for="male">Male</label>
</form>
```



Age:

Gender: O Female O Male

## Formularfelder groupieren

```
HTML
```

```
<fieldset>
 <legend>Contact details</legend>
 <label>Email:<br />
 <input type="text" name="email"></label>
 <br />
 <label>Mobile:<br />
 <input type="text" name="mobile"></label>
 <br />
 <label>Telephone:<br />
 <input type="text" name="tel"></label>
</fieldset>
```



—Contact details—	
Email:	
Mobile:	
Telephone:	

#### HTML5: DATE INPUT

```
HTML
```

```
<label for="date">Departure date:</label>
<input type="date" name="depart"
  id="date" />
<input type="submit" value="Submit" />
```



Departure date: 2011-06-27

Submit

#### HTML5: EMAIL & URL INPUT

```
HTML
```

```
<input type="email" name="email" />
<input type="url" name="website" />
```

#### Please enter your email address:



Please enter your website address:



### HTML5: SEARCH INPUT

```
HTML
```

```
<input type="search" name="search"
placeholder="Enter keyword" />
<input type="submit" value="Search" />
```



#### Search:

Thelonius



Search

# Zusammenfassung

Immer wenn Sie Informationen von Benutzern sammeln wollen, benötigen Sie ein Formular, welches mit dem <form> Element erstellt wird.

#### SUMMARY

Die Informationen aus dem Formular werden als name/value Paare gesendet.

### SUMMARY

Jedes Formularfeld erhält einen Namen. Der Text, welcher der Benutzer eingibt oder die gewählte Option wird unter diesem Namen an den Server gesendet.

