

It's free and always will be.

Web Form

Design

Some UX considerations...

Source: smashingmagazine.com

...

Birthday

Month



Day



Year



Why do I need to provide my birthday?

☐ Female ☐ Male

By clicking Sign Up, you agree to our [Terms](#) and that you have read our [Data Use Policy](#), including our [Cookie Use](#).

Sign Up

Summeøvelse

Snak et par minutter i gruppen om:
Hvor møder I forms på nettet?
Hvad bruges de til?

Formularer er
Samtal
er



Typiske formål med formularer

	Commerce	Community	Productivity
User Objective	Obtain Info / Buy	Join Community	Get Things Done
Business Objective	Maximize Sales	Grow & Increase Engagement in the Community	Increase Content & Time Spent on Site
Example of Type of Site	E-Commerce	Social Networks	Online Banking
Example of a Form	Checkout Form	Registration Forms	Transfer of Funds

Fronter

Uses of forms, based on Luke Wroblewski's [Web Form Design: Filling in the Blank](#)

Forms har tre hovedaspekter

- Relationen
 - Formularer etablerer en relation mellem brugeren og organisationen.
- Samtalen
 - De etablerer en dialog mellem brugeren og organisationen.
- Udseendet
 - Antyder relationen og tonefaldet i samtalen.

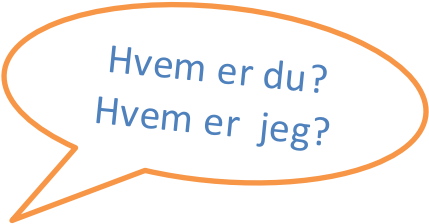


Relationen



- Relationer bygger på **tillid**
- Relationer har et **formål**
- Stil ikke spørgsmål **udover** formålet
- Giv formularen en **sigende** overskrift
- Pludselige **ændringer** i formularens flow eller udseende vil skabe **mistillid**

Samtalen



Hvem er du?
Hvem er jeg?

- En formular er tovejskommunikation
- Organiser felterne logisk, så de afspejler det naturlige flow i en samtale
- Grupper relaterede informationer, som fx personlige oplysninger
- Et emne ad gangen
- Tænk i "naturlige pauser"
- Mere involverende spørgsmål bør komme sidst i formularen

Et emne ad gangen...

Gruppe >

Pause >

Gruppe >

First, which service do you want to try?

[Why we suggest](#) trying one product at a time.

- I want to try:
- ☐ Email Marketing [What's included?](#) | [Pricing](#)
 - ☐ Online Survey [What's included?](#) | [Pricing](#)
 - ☐ Event Marketing [What's included?](#) | [Pricing](#)

Tell us about yourself.

First Name:

Last Name:

Organization Name:

Country:

State:

Phone Number:

So we can get in touch about our free coaching.

Email:

We'll send you an email to confirm your trial and [verify](#) your address.

Website:

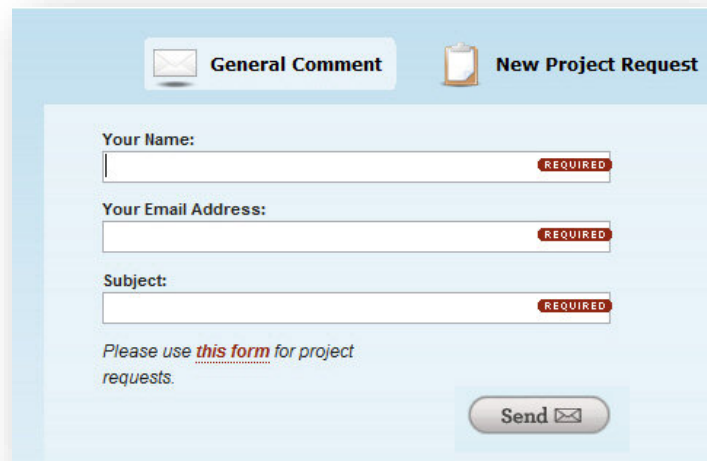
Udseendet

Består af

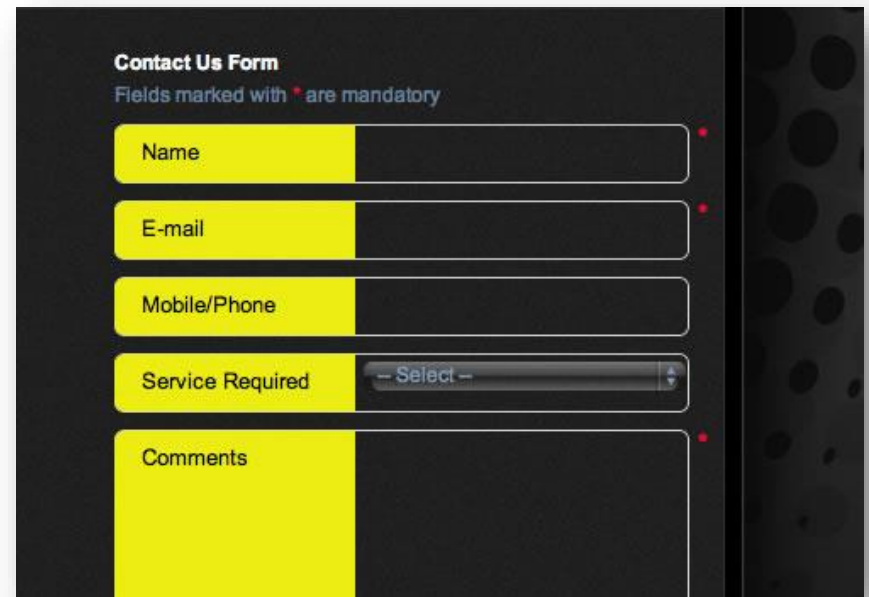
- Indtastningsfelter
- Etiketter (labels)
- Knapper (submit)
- Beskeder
- Feedback baseret på brugers input
 - Positiv (fx formularen blev sendt med succes)
 - Negativ (fx brugernavn allerede taget).
- Validering
- Hjælp

Udseendet

- Justering af etiketter
 - Hver måde har sine fordele og ulemper.



A light blue web form titled "General Comment" with a clipboard icon. It contains three input fields: "Your Name:", "Your Email Address:", and "Subject:". Each field has a red "REQUIRED" label at the end. Below the fields is a note: "Please use *this form* for project requests." and a "Send" button with an envelope icon.

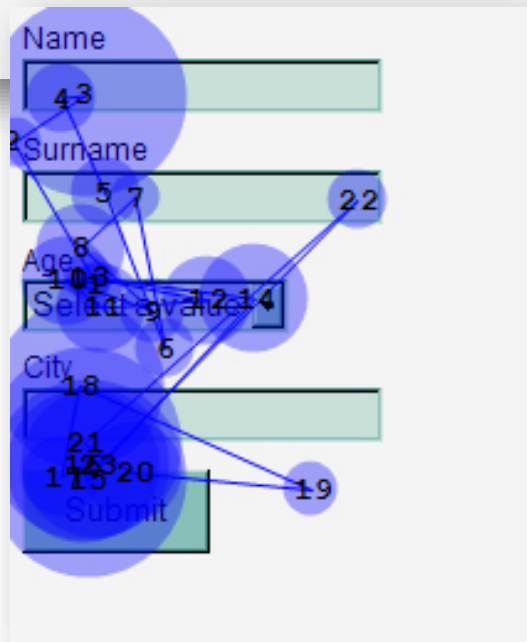
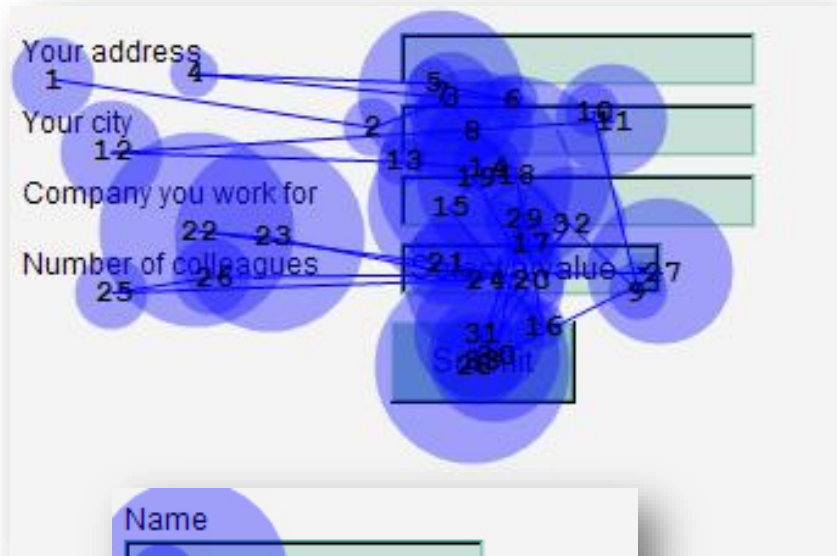


A dark-themed web form titled "Contact Us Form" with a note: "Fields marked with * are mandatory". It features five input fields: "Name", "E-mail", "Mobile/Phone", "Service Required" (a dropdown menu), and "Comments". Each field has a red asterisk at the end, indicating it is mandatory.



A light blue web form titled "ASSINE A NEWSLETTER" with an envelope icon. It contains three input fields: "Seu Nome", "Seu E-mail", and "Sua Empresa". Below the fields is a green "OK" button.

Udseendet



justering af labels

	Top	Right	Left
Speed of Completion	Fastest	→	Slowest
Horizontal Space Needed	Least	→	Most
Vertical Space Needed	Most	→	Least
Space Available For Label Text	Most	→	Least
Proximity To Input	Closest	→	Least Close
User Eye Movement	Down	Down & Right	Down & Right
Time To Move From Label To Input(*)	50ms	240ms	500ms
Ideal For	Simple Forms	Less Simple Forms	Complex Forms

*Times retrieved from "[Label Placement in Forms](#)" by Matteo Penzo.

Udseendet

- Hold så vidt muligt lange formularer til en enkelt kolonne

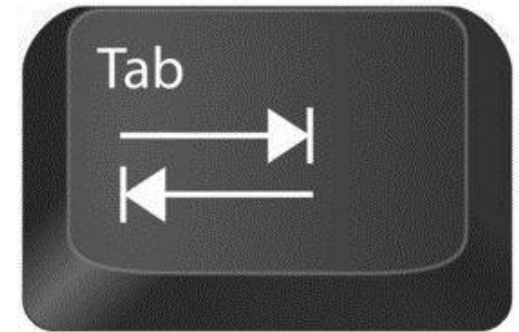
FILL OUT THE FORM FOR A CHANCE TO WIN!

Enter your information below to enter the contest.

First name: <input type="text" value="Ian"/>	Address: <input type="text" value="1234 Main St."/>	Province: <input type="text" value="Ontario"/>	E-mail address: <input type="text" value="ian@napa.com"/>
Last name: <input type="text" value="Everdell"/>	City: <input type="text" value="Hamilton"/>	Profession: <input type="text" value=""/>	Confirm e-mail address: <input type="text" value="ian@napa.com"/>
Phone number: <input type="text" value="519-555-1234"/>	Postal code: <input type="text" value="L8N 1M5"/>	Hobby: <input type="text" value=""/>	Age: <input type="text" value="26 - 30 years"/>
Tell us what you drive!	Do you own:	What do you check most often?	ARE YOU A CAA MEMBER?
Year: <input type="text" value="Select..."/>	<input type="radio"/> A motorcycle?	<input type="radio"/> Newspapers	<input type="radio"/> Yes <input type="radio"/> No
Make: <input type="text" value="Select..."/>	<input type="radio"/> A boat?	<input type="radio"/> Flyers	Gender: Preferred language:
	<input type="radio"/> An RV?	<input type="radio"/> Online flyers	<input type="radio"/> Man <input checked="" type="radio"/> English
	<input type="radio"/> A snowmobile?	<input type="radio"/> Other	<input type="radio"/> Woman <input type="radio"/> French
	<input type="radio"/> An ATV?		
	<input type="radio"/> Other	<input type="radio"/> I have read and understood the Contest Rules and Regulations .	
		<input type="radio"/> I agree to receive special offers from NAPA Auto Parts and its partners.	

Udseendet

- Mange brugere interagerer med en formular ved at "tabbe" mellem felter
- Korrekt semantisk HTML sikrer, at det fungerer som forventet.
- Formlayout med flere kolonner kan være i konflikt med tabuleringsadfærd.



Udseendet

- Individuelle ord vs. sætninger i etiketter
 - Kort er godt, men
 - Sætninger kan være nødvendige for at undgå tvetydighed
- Tone of voice
- Obligatoriske vs. valgfrie felter
 - Gør det klart *



The image shows a screenshot of the Amazon.com registration page. At the top left is the Amazon logo and 'amazon.com'. At the top right are links for 'Your Account' and 'Help'. The main heading is 'Registration' in orange, followed by 'New to Amazon.com? Register Below.' in orange. The form contains several input fields: 'My name is:', 'My e-mail address is:' (highlighted with a blue border), 'Type it again:', and 'My mobile phone number is:' (with '(Optional)' next to it). Below the phone number is a 'Learn more' link. The next section is 'Protect your information with a password' in orange, followed by 'This will be your only Amazon.com password.' in black. It includes 'Enter a new password:' and 'Type it again:' fields. A yellow 'Create account' button is at the bottom of the form. At the very bottom, there is a footer with links for 'Conditions of Use' and 'Privacy Notice', and a copyright notice: '© 1996-2011, Amazon.com, Inc. or its affiliates'.

Validering

- Kun hvis nødvendigt
- Brug hellere smarte standardindstillinger
 - fx by baseret på postnummer
 - Men brug forsigtigt - brugere har tendens til at lade autoudfyldte felter være som de er!

The screenshot shows a Twitter account creation form with the following fields and feedback:

- Name:** Justin Mifsud. Feedback: ✓ Name looks great.
- Email:** justinmifsud@gmail.com. Feedback: ✗ This email is already registered. Want to login or recover your password?
- Password:** [Redacted with dots]. Feedback: ✓ Password is perfect! (indicated by a green progress bar).
- Username:** justinmifsud. Feedback: ✗ This username is already taken! Below the field, suggestions are listed: MifsudJustin, MifsudJustin, justin_mifsud.

Below the fields, there is a checkbox labeled "Keep me logged-in on this computer." which is checked.

A section titled "By clicking the button, you agree to the terms below:" contains the text: "These Terms of Service ('Terms') govern your access to and use of the services and Twitter's websites (the 'Services'), and any information, text, graphics, photos or other materials".


To the right of this section, under "Printable versions:", are links for "Terms of Service" and "Privacy Policy".

At the bottom is a large yellow button labeled "Create my account".

Udseendet



Udseendet



PROVE IT!

OUR INTENTION — BUILD US A SITE SHOWING OFF YOUR
SEND YOUR PORTFOLIO SHOWING YOUR
LOVE OF TYPE

NAME: URL:

EMAIL: **SUBMIT →**

TWO PAPER DOLLS
Calligraphy and design house

MAYBE YOU'RE THE ONE ★

Udseendet



created
201 studios

name :

e-mail :

comments :

P.O. Box 93392
Atlanta, GA 30309
USA
866.240.789

send

Udseendet

CONTACT:

name:

email:

message:

A whimsical illustration of a treehouse on a tree with a tire swing, set against a green sky and rolling hills. The treehouse is a small, white, box-like structure with a dark roof and a small window. It is built into the branches of a tree with a thick, brown trunk and several green, rounded canopies. A tire swing hangs from a branch to the right of the treehouse. The background is a bright green sky with soft, white clouds. At the bottom, there are rolling green hills with some small, yellow flowers.

Udseendet



GET ON YOUR SOAPBOX

We'd love to hear from you. Tell us your story, ask a question, or just connect with us to see how we can help you reach your audience.

NAME

EMAIL

PHONE

COMPANY

MESSAGE

ENTER THIS CODE

RS 93

SUBMIT

EMAIL info@thesoapboxgroup.com

PHONE 855-4-SOAPBOX

820 North Thornton Avenue | Orlando, FL 32803

Udseendet

- Vær ekstra opmærksom på **gestaltlovene!**
- Vær ekstra opmærksom på **typografien!**

FILL OUT THE FORM FOR A CHANCE TO WIN!

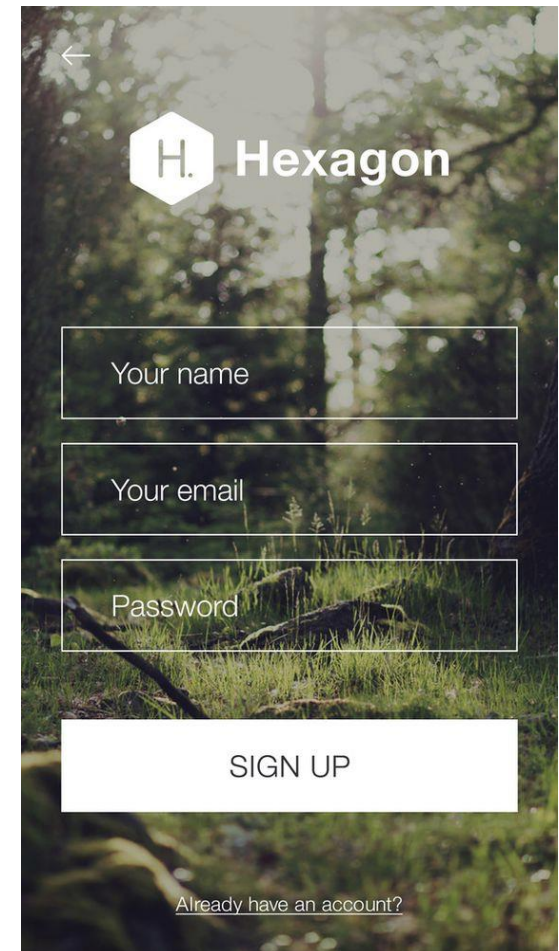
Enter your information below to enter the contest.

First name: <input type="text" value="Ian"/>	Address: <input type="text" value="1234 Main St."/>	Province: <input type="text" value="Ontario"/>	E-mail address: <input type="text" value="ian@everdell.com"/>
Last name: <input type="text" value="Everdell"/>	City: <input type="text" value="Hamilton"/>	Profession: <input type="text" value=""/>	Confirm e-mail address: <input type="text" value="ian@everdell.com"/>
Phone number: <input type="text" value="905-555-1234"/>	Postal code: <input type="text" value="L8P 4R7"/>	Hobby: <input type="text" value=""/>	Age: <input type="text" value="26 - 30 years"/>

Tell us what you drive!	Do you own:	What do you check most often?	ARE YOU A CAA MEMBER?
Year: <input type="text" value="Select..."/>	<input type="radio"/> A motorcycle?	<input type="radio"/> Newspapers	<input type="radio"/> Yes <input type="radio"/> No
Make: <input type="text" value="Select..."/>	<input type="radio"/> A boat?	<input type="radio"/> Flyers	Gender: Preferred language:
	<input type="radio"/> An RV?	<input type="radio"/> Online flyers	<input type="radio"/> Man <input checked="" type="radio"/> English
	<input type="radio"/> A snowmobile?	<input type="radio"/> Other	<input type="radio"/> Woman <input type="radio"/> French
	<input type="radio"/> An ATV?		
	<input type="radio"/> Other	<input type="radio"/> I have read and understood the Contest Rules and Regulations .	
		<input type="radio"/> I agree to receive special offers from NAPA Auto Parts and its partners.	

More about form design...

- http://static.lukew.com/webforms_lukew.pdf
- <https://mono.company/journal/design-practice/the-10-commandments-of-good-form-design-on-the-web/>
- <http://www.uxmatters.com/mt/archives/2006/07/label-placement-in-forms.php>
- <https://www.smashingmagazine.com/web-form-design-showcases-and-solutions/>



A mobile application sign-up form for 'Hexagon' is displayed against a blurred background of a forest path. The form includes a back arrow in the top left, the 'Hexagon' logo (a white hexagon with an 'H.' inside) and name in the top right, and three input fields labeled 'Your name', 'Your email', and 'Password'. A white 'SIGN UP' button is positioned below the fields. At the bottom, a link reads 'Already have an account?'.

Forms er også Kode

```
mirror_mod = modifier_obj  
mirror_mod.mirror_object = mirror_obj
```

```
operation = "MIRROR_X"  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation = "MIRROR_Y"  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation = "MIRROR_Z"  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True
```

```
selection at the end - add  
obj.select=1  
obj.select=1  
context.scene.objects.active  
obj("Selected" + str(modifier_obj))  
obj.select = 0  
obj.context.selected_object  
obj.data.objects[one.name].select
```

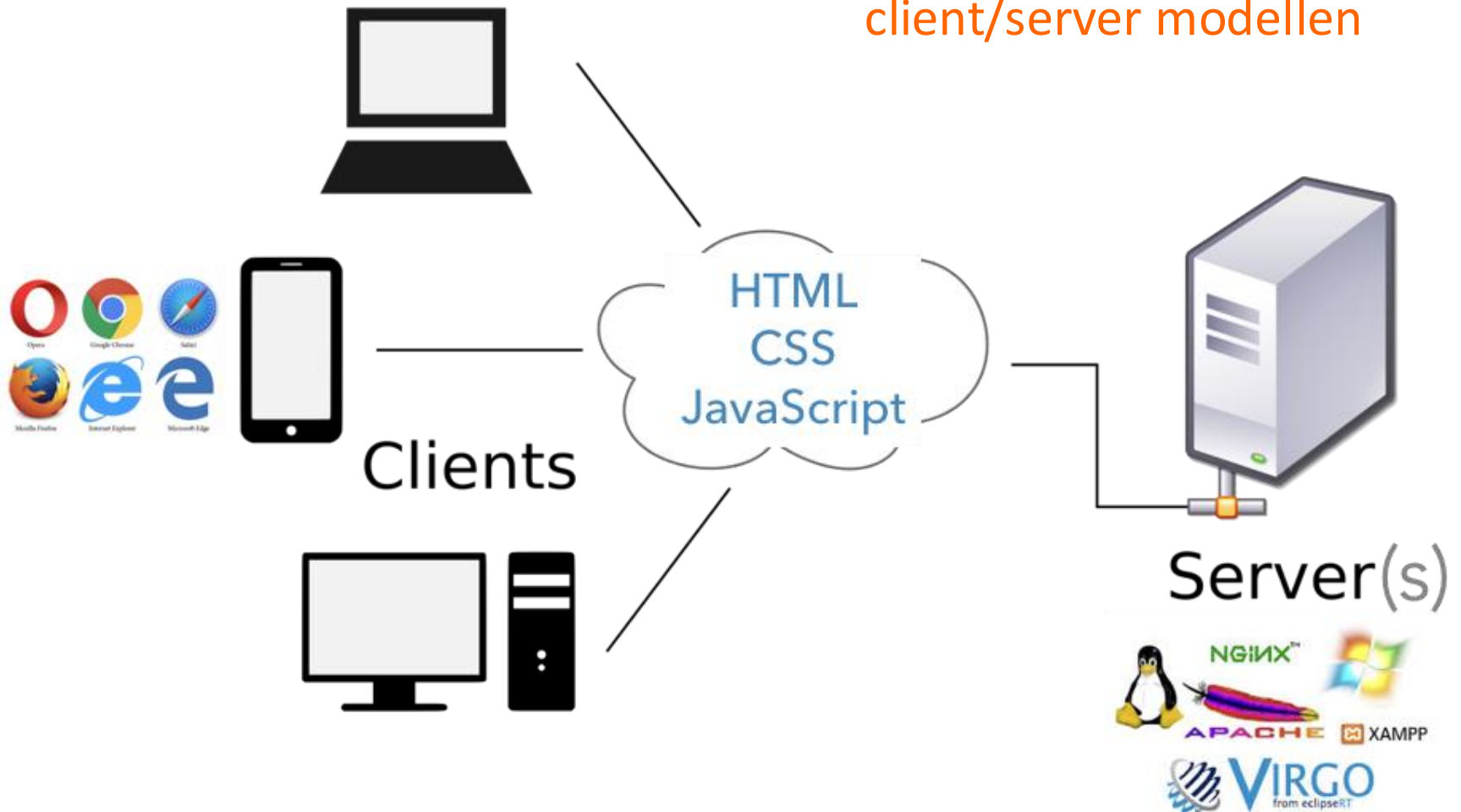
OPERATOR CLASSES

```
types.Operator):  
    X mirror to the selected  
    object.mirror_mirror_x  
    "X"
```

```
context):  
    context.active_object is not
```

How does it work?

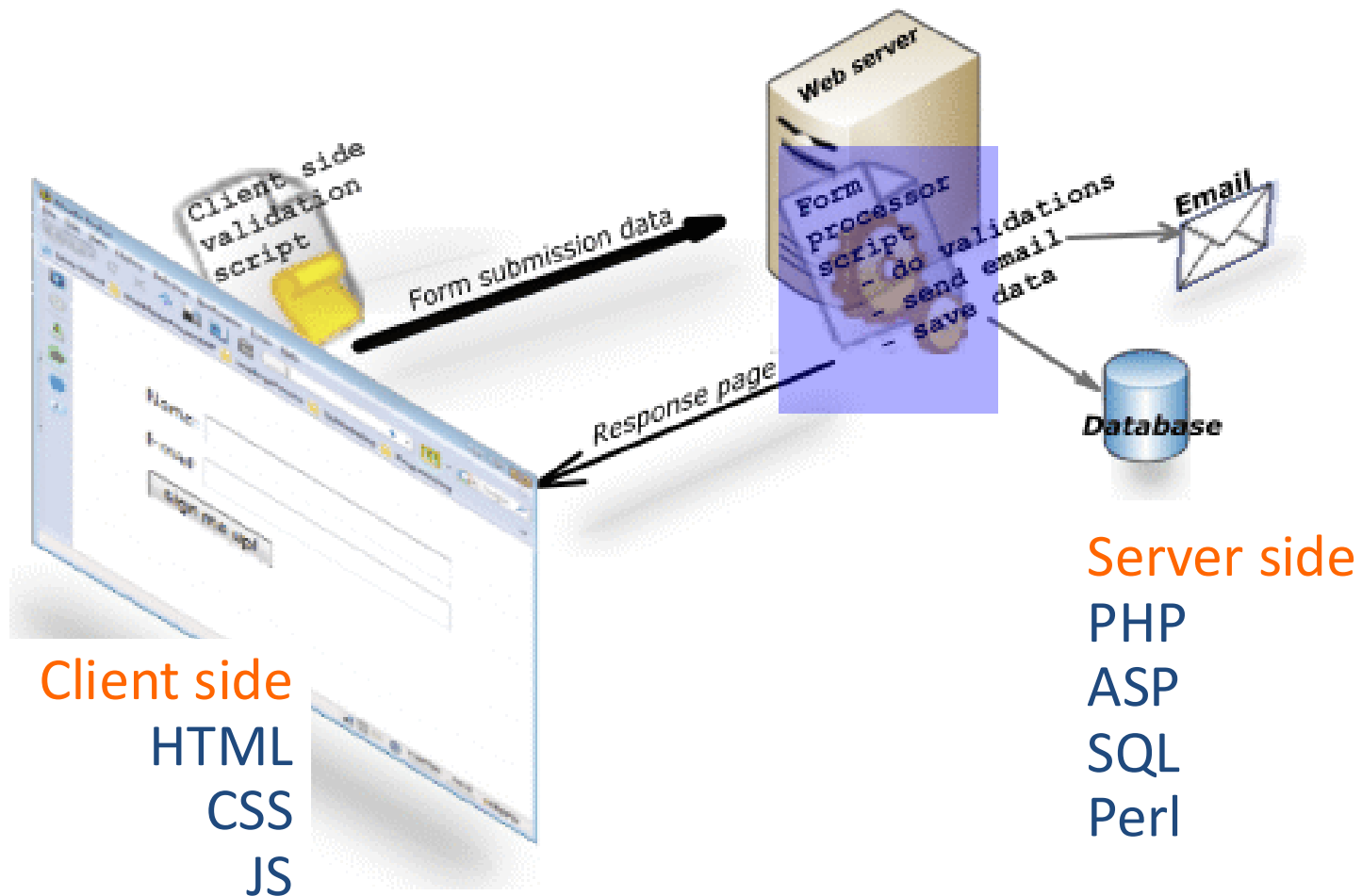
client/server modellen



Summeøvelse

Snak et par minutter i gruppen om:
Hvad er client/server modellen -
Hvad er en server, hvad er en client og
hvordan hænger det sammen...?

How does it work?



Marking up forms in HTML & CSS

Registration

<input type="text"/>	Frist name
<input type="text"/>	Last name
<input type="text"/>	e-mail
<input type="submit" value="Submit"/>	

Marking up forms in HTML


Registration





<input type="text"/>	Frist name
<input type="text"/>	Last name
<input type="text"/>	e-mail
<input type="submit" value="Submit"/>	

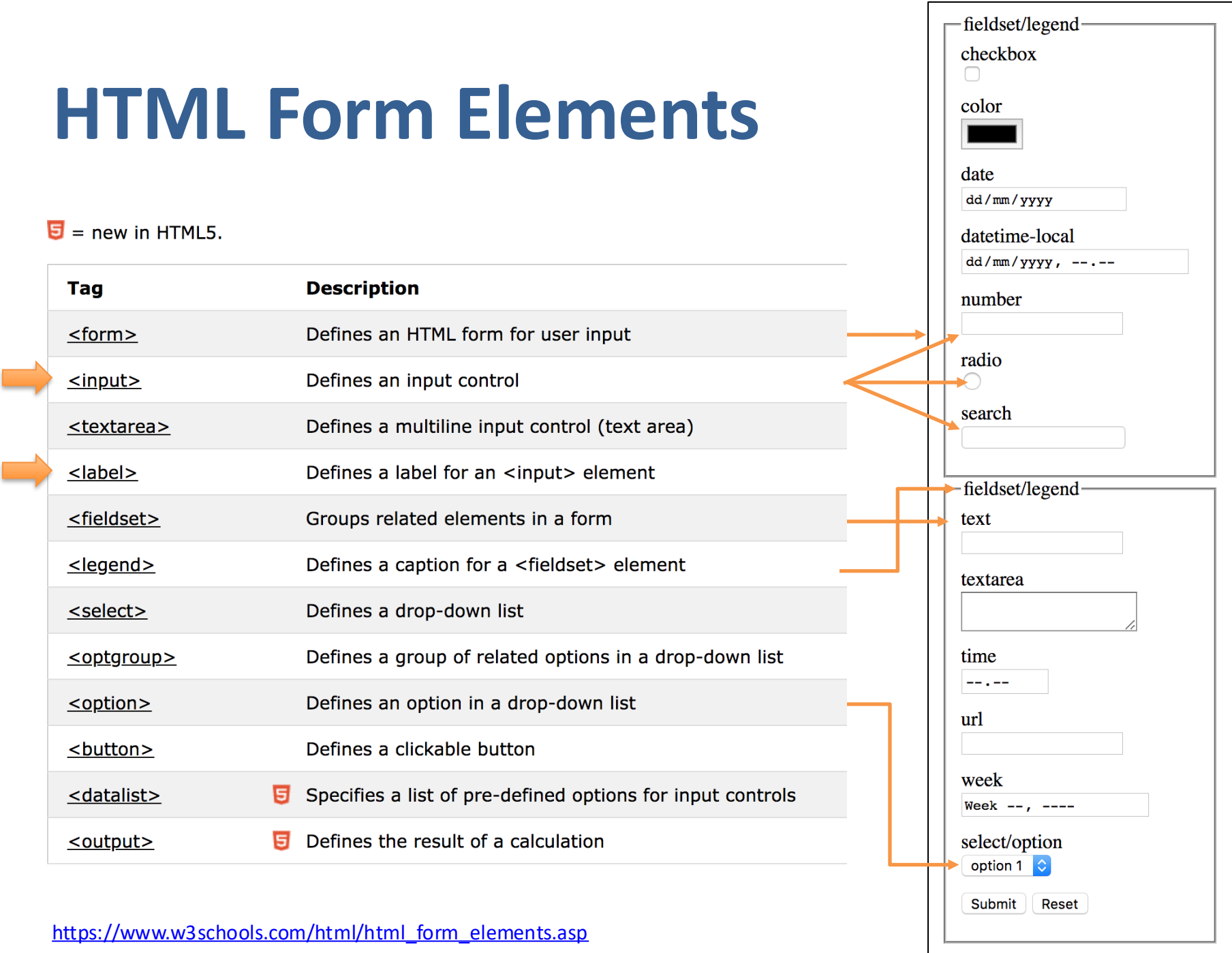
```
<form>
  <input type="text"> Frist name
  <input type="text"> Last name
  <input type="email"> E-mail
  <input type="submit">
</form>
```

- HTML <form>-elementet
 - Definerer en formular.
- Formularelementer
 - forskellige typer, såsom tekstfelter, checkbokse, radio, submit mm.
- <input> elementet
 - <input> elementet er det vigtigste formelement.
 - Det kan se ud på flere måder, afhængigt af type-attributten.

HTML Form Elements

 = new in HTML5.

Tag	Description
<u><form></u>	Defines an HTML form for user input
 <u><input></u>	Defines an input control
<u><textarea></u>	Defines a multiline input control (text area)
 <u><label></u>	Defines a label for an <input> element
<u><fieldset></u>	Groups related elements in a form
<u><legend></u>	Defines a caption for a <fieldset> element
<u><select></u>	Defines a drop-down list
<u><optgroup></u>	Defines a group of related options in a drop-down list
<u><option></u>	Defines an option in a drop-down list
<u><button></u>	Defines a clickable button
<u><datalist></u>	 Specifies a list of pre-defined options for input controls
<u><output></u>	 Defines the result of a calculation



fieldset/legend

checkbox

color

date

datetime-local

number

radio

search

fieldset/legend

text

textarea

time

url

week

select/option

Submit Reset

Input typer

- checkbox
- color
- date
- email
- number
- radio
- reset
- range
- submit
- search
- tel
- text
- time
- url
- week

```
<form>
  <fieldset>
    <legend>fieldset/legend</legend>
    <input type="checkbox">
    <input type="color">
    <input type="date">
    <input type="datetime-local">
    <input type="number">
    <input type="radio">
    <input type="search">
  </fieldset>
  <fieldset>
    <input type="text">
    <legend>fieldset/legend</legend>
    <textarea></textarea>
    <input type="time">
    <input type="url">
    <input type="week">
    <select>
      <option value="volvo">Volvo</option>
      <option value="saab">Saab</option>
      <option value="opel">Opel</option>
      <option value="audi">Audi</option>
    </select>
    <input type="submit">
    <input type="reset">
  </fieldset>
</form>
```



fieldset/legend

checkbox



color



date

26/11/2018

November 2018

Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

fieldset/legend

text

textarea

time

--:--

url

nourl

! Please enter a URL.

select/option

option 1

Submit

Reset

Input attributes



```
<input type="email" placeholder="Enter Email" name="email" required>
```

- **autocomplete**
- **autofocus**
- **disabled**
- form
- formaction
- formenctype
- formmethod
- formnovalidate
- formtarget
- height and width
- list
- maxlength
- min and max
- multiple
- pattern (regexp)
- **placeholder**
- readonly
- **required**
- step
- **value**

Input attributes

```
<form action="handleForm.php">
  <h1>Sign Up</h1>
  <p>Please fill in this form to create an account.</p>
  <fieldset id="data-area">
    <legend>Your data</legend>
    <label for="email">Email</label>
    <input type="email" placeholder="Enter Email" name="email" required>
    <label for="psw">Password</label>
    <input type="password" placeholder="Enter Password" name="psw" required>
    <label for="psw-repeat">Repeat Password</label>
    <input type="password" placeholder="Repeat Password" name="psw-repeat" required>
    <label>
      <input type="checkbox" checked="checked" name="remember">Remember me
    </label>
  </fieldset>
  <fieldset id="button-area">
    <legend>Actions</legend>
    <button type="button" class="cancelbtn">Cancel</button>
    <button type="reset" class="resetbtn">Reset form</button>
    <button type="submit" class="signupbtn">Sign Up</button>
  </fieldset>
</form>
```

Attributes

Sign Up

Please fill in this form to create an account.

Email

Password

Repeat Password

☒ Remember me

By creating an account you agree to our [Terms & Privacy](#).

Cancel

Sign Up

Styling af forms med CSS

- At style HTML-formularer er afgørende for deres anvendelighed!
- De fleste af de CSS-regler, du allerede kender, gælder også for formularer og formularelementer
- Compound selectors er meget nyttige som fx `input[type=tekst]`
- Styling af forms er besværligt...

Styling af forms med css

```
<form action="action_page.php">
  
  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username"
      name="uname" required>
    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password"
      name="psw" required>
    <input type="submit" value="Login">
    <label>
      <input type="checkbox" checked="checked"
        name="remember"> Remember me
    </label>
  </div>
  <div class="container">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="some.php">password?</a>
  </span>
  </div>
</form>
```



Samme form
uden css

Username **Password** ☒ Remember me
 Forgot [password?](#)

✕

Username

Password

☒ Remember me

[Forgot password?](#)

Hjælp og inspiration

https://www.w3schools.com/html/html_form_elements.asp

https://www.w3schools.com/howto/howto_css_login_form.asp

https://www.w3schools.com/howto/howto_css_responsive_form.asp

Sign Up

Please fill in this form to create an account.

Email

Enter email

Password

Enter Password

Repeat Password

Repeat Password

☒ Remember me

By creating an account you agree to our [Terms & Privacy](#).

Cancel

Sign Up

Prøv det!

Aflever i Fronter 11:45



E-mailadresse eller brugernavn

Adgangskode

☒ Husk mig

Log på

[Har du glemt din adgangskode?](#)

1. Lav en login-formular til et imaginært site
2. Lav en tilhørende tilmeldings-formular med valgmuligheder ved hjælp af fx radio- og afkrydsnings-felter for interesser o.lign. (i samme html fil)
3. Style begge forms med CSS efter principperne i denne præsentation.