

HTML5 Forms



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New form elements!



- keygen
- meter
- output
- progress
- datalist (semi-related)

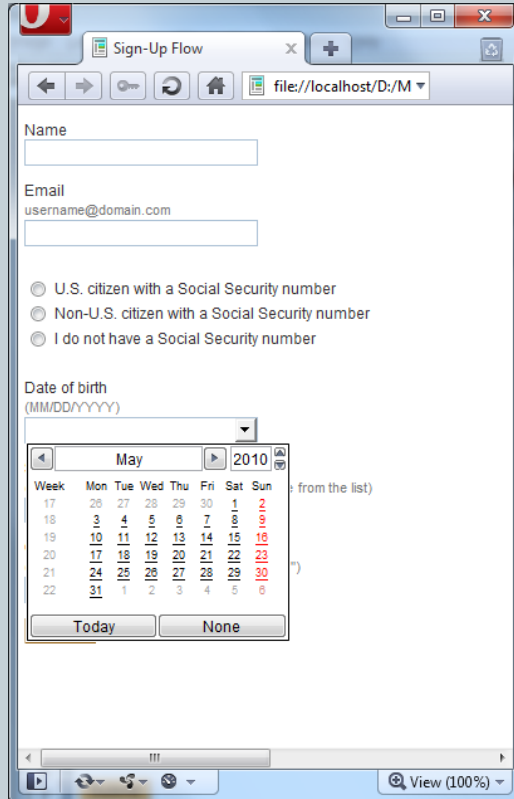
New **input** types!



- date
- datetime
- datetime-local
- month
- week
- time
- color
- email
- number
- range
- search
- tel
- url

What if a new type isn't recognized?

Date selector in Opera



Sign-Up Flow

Name

Email
username@domain.com

U.S. citizen with a Social Security number
 Non-U.S. citizen with a Social Security number
 I do not have a Social Security number

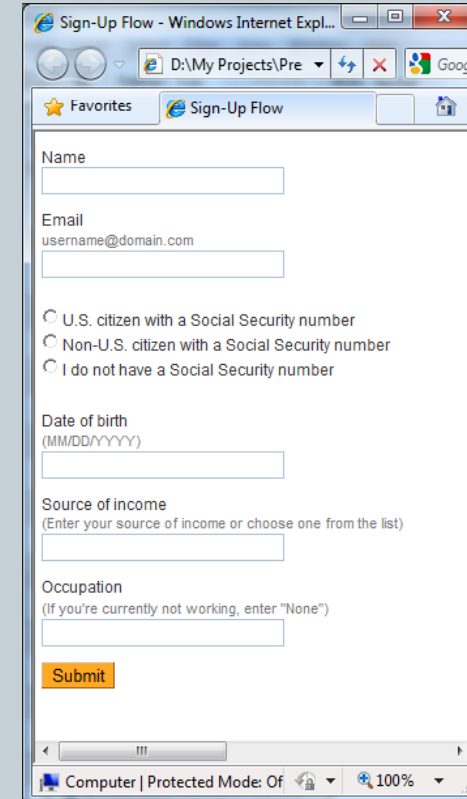
Date of birth
(MM/DD/YYYY)

May 2010

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

Today None

Regular text input in IE



Sign-Up Flow - Windows Internet Expl...

D:\My Projects\Pre

Sign-Up Flow

Name

Email
username@domain.com

U.S. citizen with a Social Security number
 Non-U.S. citizen with a Social Security number
 I do not have a Social Security number

Date of birth
(MM/DD/YYYY)

Source of income
(Enter your source of income or choose one from the list)

Occupation
(If you're currently not working, enter "None")

Submit

New form attributes!



- accept
- autocomplete
- formaction
- formenctype
- formmethod
- formnovalidate
- formtarget
- list
- min/max
- multiple
- pattern
- placeholder
- required
- step

Which attributes work where?



W3C Working Draft

	Hidden	Text, Search, URL, Telephone	E-mail	Password	Date and Time, Date, Month, Week, Time	Local Date and Time, Number	Range	Color	Checkbox, Radio Button	File Upload	Submit Button	Image Button	Reset Button, Button
Content attributes													
<u>accept</u>	-	-	-	-	-	-	-	-	-	Yes	-	-	-
<u>alt</u>	-	-	-	-	-	-	-	-	-	-	-	Yes	-
<u>autocomplete</u>	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-
<u>checked</u>	-	-	-	-	-	-	-	-	Yes	-	-	-	-
<u>formaction</u>	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-
<u>formenctype</u>	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-
<u>formmethod</u>	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-
<u>formnovalidate</u>	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-
<u>formtarget</u>	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-
<u>height</u>	-	-	-	-	-	-	-	-	-	-	-	Yes	-
<u>list</u>	-	Yes	Yes	-	Yes	Yes	Yes	Yes	-	-	-	-	-
<u>max</u>	-	-	-	-	Yes	Yes	Yes	-	-	-	-	-	-
<u>maxlength</u>	-	Yes	Yes	Yes	-	-	-	-	-	-	-	-	-
<u>min</u>	-	-	-	-	Yes	Yes	Yes	-	-	-	-	-	-
<u>multiple</u>	-	-	Yes	-	-	-	-	-	-	Yes	-	-	-
<u>pattern</u>	-	Yes	Yes	Yes	-	-	-	-	-	-	-	-	-
<u>placeholder</u>	-	Yes	Yes	Yes	-	-	-	-	-	-	-	-	-
<u>readonly</u>	-	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-	-	-
<u>required</u>	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes	-	-	-
<u>size</u>	-	Yes	Yes	Yes	-	-	-	-	-	-	-	-	-
<u>src</u>	-	-	-	-	-	-	-	-	-	-	-	Yes	-
<u>step</u>	-	-	-	-	Yes	Yes	Yes	-	-	-	-	-	-
<u>width</u>	-	-	-	-	-	-	-	-	-	-	-	Yes	-

<http://www.w3.org/TR/html5/forms.html>

When can I use HTML5 forms?



HTML5 form features (Web Forms 2.0) - Working Draft

Expanded form options, including things like date pickers, sliders and validation

Resources: [HTML5 inputs and attribute support page](#) [Cross-browser JS implementation \(based on original spec\)](#)

	Internet Explorer	Firefox	Safari	Chrome	Opera
Far Past	6.0	3.0	3.1	2.0	9.6
Past	7.0	3.5	3.2	3.0	10.1
Present	8.0	3.6	4.0	4.0	10.5
Near Future (early 2010)			4.*	5.0	
Future (late 2010 or later)	9.0	4.0		6.0	10.*

Note: Webkit browsers support "search", "meter" and multiple file uploads. Older Opera implementations are based on the original WHATWG specification. Some changes have been made in HTML5

<http://caniuse.com/>

Resources



- Dive Into HTML5 by Mark Pilgrim
<http://diveintohtml5.org/forms.html>
- Modernizr
<http://www.modernizr.com/>
- jQuery TOOLS Validator
<http://flowplayer.org/tools/validator/>
- webforms2
<http://code.google.com/p/webforms2/>