

# HTML Forms

## Chapter 6 of *Webmaster in a Nutshell*

- `<form></form>`
  - attributes
    - `action="URL"`
      - address of page to call when the submit button is pressed
    - `Method=get | post`
      - Get - form data appended to URL specified by the action attribute with a ? as separator
      - Post – form data is included in the the body of the form and sent to the processing agent
    - `Onsubmit=""`
      - Triggered when form is submitted
    - `Target=`
      - Identifies window in which data will be returned
      - `_blank` – new unnamed window
      - `_self` – same as link
      - `_parent` – opened in immediate parent of current
      - `_top` – opened in original
  - components
    - Input tag
      - `<input></input>`
        - attributes
          - `type=`
            - `text` – creates a single line text input control
            - `password` - creates a single line text input control that hides characters entered by user
            - `checkbox` -
            - `radio`
            - `submit` – submit button
            - `reset` – reset button
            - `hidden` – hidden control
            - `image` – graphical submit button that uses `src` attribute to locate the image to decorate the button
            - `file` – file select control

- value=
    - sets the initial value
  - name=
    - name given to control
  - checked
    - for radio and checkboxes
  - size=
    - sets initial size of control
  - maxlength=
    - maximum number of characters that can be entered into a text or password control
  - readonly
    - changes to password and text controls prohibited
    -
- `<textarea></textarea>`
  - creates a multiline text entry area
    - attributes
      - rows=
        - sets number of visible rows
      - cols=
        - set number of visible columns
      - readonly
      - name=
      - wrap= on off
        - on text wraps
        - off text does not wrap unless user presses enter key
      - onblur=
        - triggered when control loses focus
      - onselect=
        - triggered when text selected
      - onchange=
        - triggered when control loses input focus and its value has been modified
- `<select></select>`
  - attributes
    - name=

- multiple
    - allows user to enter more than one selection
- <option>
  - attributes
    - value=
      - value sent to server
    - selected
- example
  - see example on page 86
- <http://www.cthefuture.com/cis150/formtester.htm> - example form
- <http://www.cthefuture.com/cis150/formtester.asp>
  - Process any form return data