Dreamweaver

- Learning Objectives
  - Become proficient using Dreamweaver 8
  - Forms!

Version 8.0
Click this screen to continue.
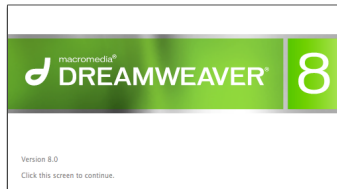
4/17/07 CS120 The Information Era 1

Forms

- Web pages are usually there only to be read.
- You might want to receive information from the user.
- We do this using forms:
  - Retrieve data
  - Process data

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Form Example

- Form elements:
  - text box
  - text area
  - button
  - radio buttons
- DreamWeaver makes forms easy.

Your name

Enter PIN Number

A B

My thoughts so far are:

Send

○ Male
○ Female
Send

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Forms - Conceptually

- Define a Form

- Attach to a script on the webserver to process the information

- Build the input fields
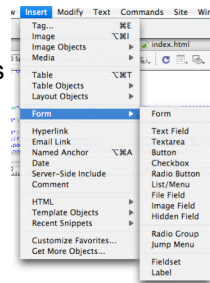 - all input fields must be associated with the same form!

Forms in DreamWeaver

- Insert ONE Form

- Insert many input elements
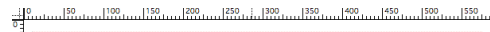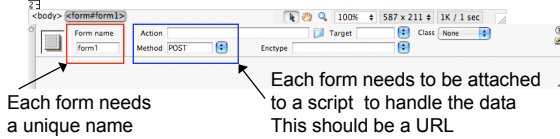
Creating Forms

All form elements for the specified form must go between the dotted red rectangle!

You may put any other HTML tags in the box as well.

Each form needs a unique name

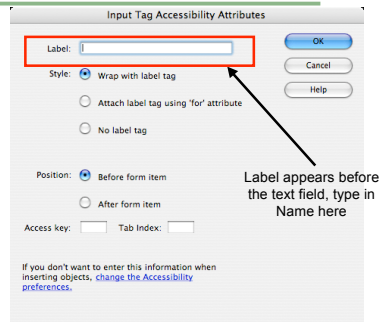Each form needs to be attached to a script to handle the data
This should be a URL

Insert a Form Element

- Text field

To insert a form text field, make sure the cursor is within the form area.

Input Tag Accessibility Attributes
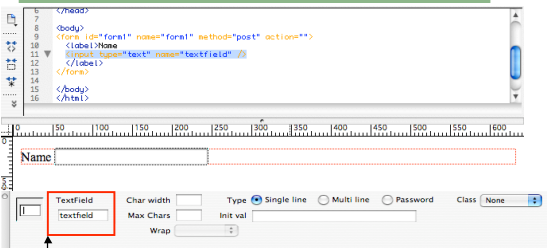
Label: [ ]

Style:
- ● Wrap with label tag
- ○ Attach label tag using 'for' attribute
- ○ No label tag

Position:
- ● Before form item
- ○ After form item

Access key: [ ]   Tab Index: [ ]

If you don't want to enter this information when inserting objects, change the Accessibility preferences.

OK
Cancel
Help

Label appears before the text field, type in Name here

Text field

```
</head>
<body>
<form id="form1" name="form1" method="post" action="">
<label>Name
<input type="text" name="textfield" />
</label>
</form>
</body>
</html>
```

Name [ ]

TextField
textfield

Char width [ ]   Type ● Single line ○ Multi line ○ Password   Class None
Max Chars [ ]   Init val [ ]
Wrap [ ]

Each form element *must* have a unique name, called a variable name. This allows us to process data from many form elements.
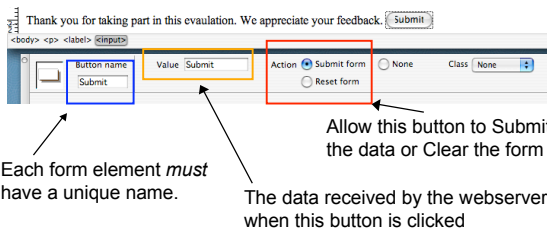
A Text Area is a large, multi-line Text Field

Buttons

- The Submit button is very important
- User clicks this button to submit all the data to the webserver

Thank you for taking part in this evaulation. We appreciate your feedback. [Submit]

`<body> <p> <label> <input>`

Button name
Submit

Value Submit

Action ● Submit form ○ None   Class None
○ Reset form

Allow this button to Submit the data or Clear the form

Each form element *must* have a unique name.

The data received by the webserver when this button is clicked

Radio Button Group

- A Radio Button Group allows the user to choose exactly one of a group of buttons

- Label is displayed to the user

- Value is returned to the web server

Check Box

Each form element *must* have a unique name.

Is this box checked when the user first loads the form?

The data received by the webserver when this check box is selected

List Menu

Displayed to the User

Sent to the webserver

Each form element *must* have a unique name.

Add Items and values to the list.

Your Turn

An online astronomy quiz.

Use this as your Action for the form:
http://zeus.cs.pacificu.edu/cgi-bin/cs120.pl

a) Add a title of Astronomy Quiz and ask the user to enter their:

   a) Name

   b) ID Number

   c) Email Address

Quiz Questions

b) Now it's time to add the quiz questions. The first two are fill in the blank (text area/field)

1) The largest planet in the solar system is
   _____

2) The closest planet to the sun is
   _____

More Quiz Questions

The next two questions are to use the List/Menu object in a form:

3) The closest planet to the earth is (supply list options: the moon, Mars, or Venus)

4) The Red Planet is (supply Venus, Mars, or Uranus)

Finish The Quiz

d) Finish the quiz by adding a Submit and a Reset button. The Submit button calls the script as the action for the form while the Reset button clears all areas on the form.

Make your Web page look as professional as you can and build the page incrementally. Since this quiz deals with astronomy, have a least one nice looking graphic in the quiz.

Variable Names

The variable names to be used as you add form elements are:

name

id

email

q1

q2

q3

q4