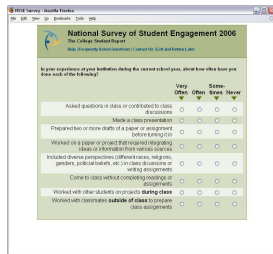


Data Technologies R and HTML Forms

HTML Form Elements and Attributes

- The <Form> element.
- Radio buttons, check boxes, text fields, and menus.
- Other buttons.
- Client-side vs. server-side



R and HTML Forms

The Rpad package:

```
<script type="text/javascript" src="gui/Rpad.js">
</script>
```

```
<input type="button" value="Submit Answers"
onclick="rpad.calculatePage(this)">
```

```
<pre dojoType="Rpad">
</pre>
```

Background Reading

Chapters 5 and 6 of "Introduction to Data Technologies"

The Web Design Group HTML 4 Reference
<http://htmlhelp.com/reference/html40/>

The Rpad documentation <http://www.rpad.org/Rpad/>

Other RWeb implementations

<http://biostat.mc.vanderbilt.edu/twiki/bin/view/Main/StatCompCourse>

R and HTML Forms

The Rpad package code chunks:

- rpadRun="normal" or "init" or "none"
- rpadOutput="text" or "html" or "none"
- rpadHideSource="false" or "true"
- rpad.calculatePage(this)
- rpad.calculateNext(this)

Why HTML Forms?

- Limit entered values to valid entries only.
- Store data electronically.
- Dynamic web pages.

R and HTML Forms

- Rpad's H() function.
- R2HTML's HTML() function.