

Deck-level event bindings and Tables

Outline of the Lecture

- Deck-level event bindings (Template Element)
- Displaying Tables

Deck-level event bindings

Syntax

```
<template attribute="value", . . . > content </template>
```

- The **<template>** element defines *deck-level event bindings*, i.e. characteristics that apply to all cards in the deck. You can *override* these characteristics for a particular card by specifying the same event bindings within the `<card>` element.

Example 7.1

```
<?xml version = "1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.2//EN"
"http://www.wapforum.org/DTD/wml12.dtd">
<wml>
<template>
<do type="options" label="Help" >
    <go href="#help"/>
</do>
<do type="options" label="Go Back" >
    <prev/>
</do>
<do type="options" label="Home" >
    <go href="main.wml"/>
</do>
</template>
<card id="Assignments" title="Assignments">
<p>Choose the WAP Assignment from Menu options</p>
<do type="options">
    <noop/>
```

```
</do>
<do type="accept" label="Assign 1" name="n4">
  <go href="#assign1"/>
</do>
<do type="accept" label="Assign 2" name="n5">
  <go href="#assign2"/>
</do>
<do type="accept" label="Assign 3" name="n6">
  <go href="#assign3"/>
</do>
<do type="accept" label="Assign 4" name="n7">
  <go href="#assign4"/>
</do>
<do type="accept" label="Assign 5" name="n8">
  <go href="#assign5"/>
</do>
</card>
<card id="help" title="Help">
<p>This is the help file ....</p>
</card>
<card id="assign1" title="assign1">
<do type="options" label="Results">
  <go href="#results"/>
</do>
<p>This is the assign1 file ....</p>
</card>
<card id="assign2" title="assign2">
<do type="button" label="Assign 2.1" name="n9">
  <go href="Assign2.wml"/>
</do><br/>
<do type="button" label="Assign 2.2" name="n10">
  <go href="Assign2.wml"/>
</do><br/>
<do type="button" label="Assign 2.3" name="n11">
<go href="Assign2.wml"/>
```

```

</do><br/>
<p>This is the assign2 file ....</p>
</card>
<card id="assign3" title="assign3">
<p>This is the assign3 file ....</p>
<do type="prev" label="Previous">
<prev/>
</do>
</card>
<card id="assign4" title="assign4">
<p>This is the assign4 file ....</p>
</card>
<card id="assign5" title="assign5">
<p>This is the assign5 file ....</p>
</card>
<card id="results" title="Results">
<p>This is the Results file ....</p>
</card>
</wml>

```

Displaying Tables

- **Tables** in WML are fairly simple in comparison to HTML tables, reflecting the limitations of the display generally available. You cannot *nest tables*, nor can you set *explicit widths*, although you *must specify the number of columns* within a row set.

<i>WML Element</i>	<i>Element Attributes</i>
<code><table></code>	<code><table align="left right center" title="label" columns="number of columns"> ...row and data declarations </table></code>
<code><td></code>	<code><td>content</td></code>
<code><tr></code>	<code><tr> <td>content</td> </tr></code>

<table> element

- When defining a table, you have to declare the number of columns, followed by some content. The *content* can include *empty rows and columns*.
- **Align** attribute specifies text alignment relative to the column. If you do not specify the align attribute, the text is automatically left-aligned.
- **Columns** attribute specifies the number of columns for the row set. Specifying a *zero* value for this attribute is not allowed (*Required*).

<td> element

- The **<td>** element is used as a **container** to hold a single table cell data within a table row. Table data cells may be *empty*.
- You can specify either of the following elements in a **<td>** element:
 - *Text*
 - *Image* ****
 - *Hyperlink* **<anchor>** or **<a>**

<tr> element

- The **<tr>** element is used as a container to hold a single table row. Table rows may be empty, in other words, all cells are empty.

Example 7.2

```
<?xml version = "1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.2//EN"
"http://www.wapforum.org/DTD/wml12.dtd">
<wml>
<card>
<p>
Prague 
</p>
<p mode="nowrap">
<table columns="2">
<tr>
<td><i>High</i></td>
<td><i>Low</i></td>
</tr>
```

```

<tr>
<td>53</td>
<td>42</td>
</tr>
</table>
Today: Mostly sunny and cool.
<br/>Tonight: Cold with chance of light rain.
</p>
</card>
</wml>

```

Example 7.3

```

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
"http://www.wapforum.org/DTD/wml13.dtd">
<wml>
<card id="Quizes" title="Quizes Table">
<p><table align="center" columns="2">
<tr>
<td> <a href="#Quiz1">Quiz 1 </a></td>
<td> <a href="#Quiz2">Quiz 2</a></td>
</tr>
<tr>
<td> <a href="#Quiz3">Quiz 3 </a></td>
<td> <a href="#Quiz4">Quiz 4 </a></td>
</tr>
<tr>
<td> <a href="#Quiz5">Quiz 5 </a></td>
<td> <a href="#Quiz6">Quiz 6 </a></td>
</tr>
<tr>
<td> <a href="#Quiz7">Quiz 7 </a></td>
<td> <a href="#Quiz8">Quiz 8 </a></td>
</tr>
</tr>

```

```
<td> <a href="#Quiz9">Quiz 9 </a></td>
  <td> <a href="#Quiz10">Quiz 10 </a></td>
</tr>
</table>
</p>
</card>
<card id="Quiz1" title="Quiz1">
<p align="center">The WAP protocol that have a bearer
specific implementation is ----<br/>
1. WAE<br/>
2. WSP<br/>
3. WTP<br/>
4. WDP<br/>
<input type="text" value="Enter answer here"
name="Ecom_WalletID" format="N" />
</p>
</card>
</wml>
```