

Web Overview }

Flex Basics

Intro to Flex Builder

- { MXML
- { MXML Tags
- { Design View

MXML



What is MXML?

Macromedia eXtensible Markup
Language.

In Plain English

It's a markup language used to add functionality and features to your web application.

How do I write MXML?

It follows all of the same rules as XML + some extra rules.

Basic Rules

- { Close all tags
- { Quotes for all attributes
- { Must have a root node

Extra Rules

- { Close all tags
- { Quotes for all attributes
- { Must have a root node
- { Must start with an Application Tag
- { Must define the name space

HTML + JavaScript Metaphor

MXML is to HTML as ActionScript is to JavaScript. It's a very familiar development environment.

MXML Tags



MXML Tags

Just like HTML there are a pre-defined set of tags ready for you to use.

Button Tag

```
<mx:Button label="Click Here">  
</mx:Button>
```

Button Tag

```
<mx:Button label="Click Here">  
</mx:Button>
```

**The rollover and click states
are built into the button.**

Button Tag

```
<mx:Button label="Click Here"  
click="trace('stuff')">  
</mx:Button>
```

Functionality is similar to JavaScript.

Button Tag

```
<mx:Button label="Click Here"  
click="trace('stuff')">  
</mx:Button>
```

**Click debug button
to test application.**



Is there a list of tags available?

Sort of.

Design View



Click on Design

Note the Components panel is docked with the Outline panel.

Drag a button component to
the Application.



Click the Source.

**Compare your code
to the generated code.**

Experiment with button

{ alpha

{ x

{ y

{ rotation

Experiment with button

{ alpha

{ x

{ y

{ rotation

**Check deisgn view, and
compile to see your results.**

Functionality

```
<mx:Button label="Click Here"  
click="this.x+=50">  
</mx:Button>
```

Functionality

```
<mx:Button label="Click Here"  
click="this.x+=50">  
</mx:Button>
```

Notice anything strange?

Functionality

```
<mx:Button id="bob"  
label="Click Here"  
click="bob.x+=50">  
</mx:Button>
```

Functionality

```
<mx:Button id="bob"  
label="Click Here"  
click="bob.x+=50">  
</mx:Button>
```

Try this.

Experiment with dragging
DateChooser, CheckBox, and
HSlider to the Application.

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