

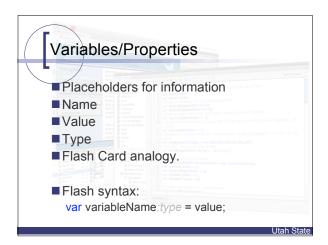
## Topics Using variables Debugging Control structures (if statements) The currentFrame, totalFrames properties Library & Layer folders

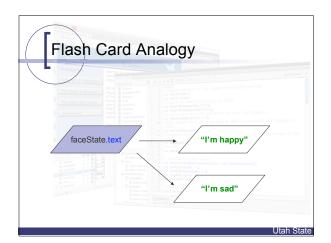
Two options:

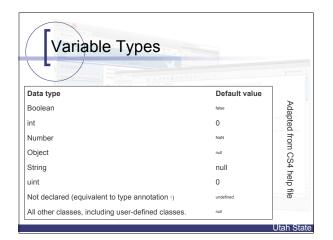
// Best for one line comments

/\* If you want to have more than one line, then you can use this style

for as
 many lines
 as
 you
 need \*/







### Using Variables

- When to use:
- Awaiting user input/tracking information
- You are using values for the same thing in multiple places (like a custom constant).
- MLK project (example)

Utah State

### If statements

- A kind of control structure (conditions/loops)\*
- Something we use every day
- Flash syntax: if(condition) {

// this will run if condition is true.

Utah State

Comparis	son
<	Less than
>	Greater than
<=	Less than or equal
>=	Greater than or equal
Logical	
&&	Logical AND
	Logical OR
!	Logical NOT
Equality	
==	Equality
===	Strict equality
!=	Inequality
l==	Strict inequality

Utah State

## if(face.currentFrame <= 3) { faceState.text = "I'm sad."; } /\* borrowed with permission from Alan Wayman, 2007—based on an .fla file he adapted and sent via email. \*/

### Can be extended (nesting) var willAndyBikeToWork = false; if (andyMood == "energetic") { if (weather != "crappy") { if (bikeTires != "flat") { willAndyBikeToWork = true; } }

# if(face.currentFrame < 4) { faceState.text = "I'm sad."; } else if (face.currentFrame > 8) { faceState.text = "I'm happy."; } else { faceState.text = "I'm ok."; } /\* borrowed with permission from Alan Wayman, 2007—based on an .fla file he adapted and sent via email. \*/

Debugging	S & un g ware	
Debug->Debug Movie  Lets you watch variable  Two kinds of errors:  Logic  Syntax  Other option: trace();	le values (a	Testing a function for the function of the f

