Objects & Collections

Jesse Liberty

http://JesseLiberty.com

@JesseLiberty

Objects and Collections

- Objects are collections of properties
- You can add additional properties "on the fly"
- Non-existent properties return undefined
- Objects can have functions (methods)

Objects and Collections

- **Create objects**
- **Add Properties**
- **Retrieve Properties**
  - Dot notation
  - Array notation
- **Delete properties**

Objects and Collections

- **Arrays act as collections**

- **Length is number of items in array**

- **Arrays are zero offset**

- **Push adds a member to an array**

- **Pop returns last value in array**

- **For loops can iterate over an array**

Strings

- **Literals use either single or double quotes**
  - Allows inclusion of other character in string
- **Escape sequences begin with **
  - \\n = new line
- **Use + operator for concatenation**
- **Many methods available for string**
  - charAt(index)
  - indexOf(string)
  - Split cuts a string into an array
  - Slice copies a piece of the string

Regular Expressions

- **Used to find and match strings**
- **Used to replace strings**
- **Used to extract strings**
- **Arcane "language"**
- **Great tool to help find your Regular Expression**

Summary

- Objects are collections of properties
- Objects can have functions
- Arrays are collections
- Strings have functions to manipulate their values
- Regular expressions are a powerful string matching mechanism