

jQuery

About me

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- 小魚（最近慢慢變老魚了...）
- 10幾年網頁設計經驗
- 許多企業及大學客座講師
- 玩前端、也玩後端

準備

軟體

- Sublime Text
- Package Control
- Emmet
- jQuery
- AutoFileName

jQuery.com

jQuery

- <http://jquery.com>
- 1.x
- 2.x 不支援 IE 6, 7, 8

輸出

- `alert()`
- `console.log()`

jQuery Function

- `jQuery("h1")`
- `$("h1")`
- `$(document)`

Find it, Read it, Change it

- `$("#h1")`，選擇 h1
- `$("#h1").text()`，選擇 h1，取得文字
- `$("#h1").text("hello")`，選擇 h1，改變文字

Function

- ```
function testHandler(){
 console.log("test");
}
```
- ```
testHandler();
```

Ready

- `$(document).ready(<function here>);`
- `$(document).ready(testHandler);`
`function testHandler(){`
`...`
`}`
- `$(document).ready(function(){`
`...`
`});`
- `$(function(){`
`...`
`});`

Selector

basic

Selector

- `$("p");`
- `$("#container");`
- `$(".articles");`
- `document.getElementById("container");`

Selector

- `$("#destinations li");`
- `$("#destinations > li");`
- `$(".promo, #france");`

CSS-like pseudo classes

- `$("#destinations li:first");`
- `$("#destinations li:last");`
- `$("#destinations li:odd");`
- `$("#destinations li:even");`

Traversing

Traversing

- `$("#destinations li");`
- `$("#destinations").find("li");`

Traversing

- `$("#destinations > li");`
- `$("#destinations").children("li");`

Traversing

- `$("li:first");`
- `$("li").first();`
- `$("li:last");`
- `$("li").last();`

Traversing

- `$("li").first().next();`
- `$("li").last().prev();`
- `$("li").parent();`

Working with the DOM Document Object Model

Working with the DOM

- `.append(<element>)`
- `.prepend(<element>)`
- `.after(<element>)`
- `.before(<element>)`
- `.remove()`

Working with the DOM

- `.appendTo(<element>)`
- `.prependTo(<element>)`
- `.insertAfter(<element>)`
- `.insertBefore(<element>)`

var

- `var price = "<p>From $399.99</p>";`
- `var price = $('<p>From $399.99</p>')`

Event

Click

- `$('#button').click(function(event) {
...
});`

On

- `$('button').on('click', function(event) {
...
});`

\$(this)

- `$('#button').on('click', function() {
 var price = $('<p>From $399.99</p>');
 $(this).after(price);
 $(this).remove();
});`

data

- `<li class="vacation" data-price='399.99'>`
- `$('.vacation').data('price');`

On With a Selector

- `$('.vacation button').on('click', function() {...});`
- `$('.vacation').on('click', 'button', function() {...});`

Filter

- `$('.vacation.onsale')`
- `$('.vacation').filter('.onsale')`

addClass

- .addClass(<class>)
- .removeClass(<class>)

Show & Hide

Show & Hide

- `.show()`
- `.hide()`
- `.toggle()`

Fade

- `.fadeIn()`
- `.fadeOut()`
- `.fadeToggle()`

Slide

- `.slideDown()`
- `.slideUp()`
- `.slideToggle()`

MouseOver

- `.mouseover(<function>)`
- `.mouseout(<function>)`

MouseEnter

- `.mouseenter(<function>)`
- `.mouseleave(<function>)`

Hover

- `.hover(<mouseenter function>,<mouseleave function>)`

stop()

- .stop() 停止佇列動畫

preventDefault

- `event.preventDefault();`
- `e.preventDefault();`
- `$(“a”).click(function(e){
 e.preventDefault();
 ...
});`

Other Event

Keyboard Event

- keypress
- keydown
- keyup

Form Event

- blur
- select
- change
- focus
- submit

Animation

Animation

- `.animate({param1: value1, param2: value2}, speed)`

Animation Complete

- `.slideDown(speed, callback)`
- `.animate({param1: value1, param2: value2}, speed, callback)`
- `.show(600, function(){
 ...
});`

Animate Styles

- backgroundPositionX
- backgroundPositionY
- borderWidth
- borderBottomWidth
- borderLeftWidth
- borderRightWidth
- borderTopWidth
- borderSpacing
- margin
- marginBottom
- marginLeft
- marginRight
- marginTop
- outlineWidth
- padding
- paddingBottom
- paddingLeft
- paddingRight
- paddingTop
- height
- width
- maxHeight
- maxWidth
- minHeight
- minWidth
- fontSize
- bottom
- left
- right
- top
- letterSpacing
- wordSpacing
- lineHeight
- textIndent

Animation Easing

- `.slideDown(speed, easing, callback)`
- `.animate({param1: value1, param2: value2}, speed, easing, callback)`
- Easing Cheat Sheet (<http://easings.net/>)
- jQuery Easing

Array & Object

Array

- `var arr = ["one", "two", "three", "four", "five"];`
- `var arr = new Array("one", "two", "three", "four", "five");`
- `arr[0] → one` , `arr[1] → two`
- `arr.push('six')`
- `arr.length`

Object

- `var obj = { one:1, two:2, three:3, four:4, five:5 };`
- `obj['one'] → 1`
- `obj.two → 2`

\$.each for array

- `var arr = ["one", "two", "three", "four", "five"];`
- `$.each(arr, function(index, value) {
 console.log(index+":"+value);
});`

\$.each for object

- `var obj = { one:1, two:2, three:3, four:4, five:5 };`
- `$.each(obj, function(name, value) {
 console.log(name+":"+value);
});`

\$.each for object

- `var obj = { one:1, two:2, three:3, four:4, five:5 };`
- `$.each(obj, function(name, value) {
 console.log(name+":"+value);
});`

\$.each for selector

- \$.each(\$('li'), function(index, element) {
 ...
});
- \$('li').each(function(index, element) {
 ...
});

bit.ly/jquery_fish