jQuery Mobile

Lesson 08 : The jQuery Mobile API

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Lesson Objectives

➢ **In this lesson, you will learn :**
- – Configuring defaults
- – Utility methods

Configuring defaults

➢ **The mobileinit event is triggered on document object when jQuery Mobile starts.**

➢ **To override default settings, bind to mobileinit.**

```
$(document).bind("mobileinit", function(){
  //apply overrides here
});
```

➢ **You can now override default settings by using object property notation.**

➢ **Example:**

```
$(document).bind("mobileinit", function(evt) {
    alert("Mobile initialization event fired");
    // Change some settings
        $.mobile.defaultPageTransition = "flip";
        $.mobile.defaultDialogTransition = "fade";
        $.mobile.pageLoadErrorMessage = "Custom Error";
    });
```

Methods

➤ **jQuery Mobile exposes several methods and properties on the $.mobile object. Some of them are:**

➤ **changePage : changes from one page to another.**

　－ This method is used internally for the page loading and transitioning that occurs as a result of clicking a link or submitting a form

```
$('#btn1').bind('tap',function(){
        $.mobile.changePage('#secondpage', { transition: "flip" } );
});
```

➤ **loadPage : Loads an external page, enhances its content & insert it into the DOM.**

　－ This method is called internally by the changePage() function when its first argument is a URL.

```
//load the "about us" page into the DOM
   $.mobile.loadPage( "about/us.html" );
```

Methods

➢ **pageLoading : shows and hides the jQuery Mobile loading dialog.**

➢ **silentScroll : scrolls to a particular Y position without triggering scroll event listeners.**

– The method takes an integer argument which corresponds to the y-position to scroll

```
<script>
    // Scroll down to the desired location
    $.mobile.silentScroll(500);
</script>
```

Summary

➢ **In this lesson, you learnt:**

- Configuring defaults
- Utility methods