檔案操作實作**(File Transfer)**

▣Matis Hsiao

學習目標

◉學習使用File Transfer API

課程大綱

- File Transfer功能及參數說明
- 程式碼解說
- 使用手機或平板實作

API功能及參數說明

- ◘ upload
  - ❖ 檔案上傳
- ◘ download
  - ❖ 檔案下載

FITPI

API範例HTML程式碼

```
<button onclick="getPhoto();">從相簿取得相片</button>
<button onclick="downloadPhoto();">下載圖片</button>
<button onclick="uploadPhoto();">上傳</button><br />
<p>預覽圖</p>
<img style="display:none;" id="largeImage" src=""
 width="<script>window.innerWidth</script>"/>
```

取得圖片

```
//監聽裝置初始化事件
   document.addEventListener("deviceready", onDeviceReady, false);
   //裝置準備完成
   function onDeviceReady() {
   }
   //顯示相片預覽
   function onPhotoURISuccess(imageURI) {
               var largeImage = document.getElementById('largeImage');
               largeImage.style.display = 'block';
               largeImage.src = imageURI;
   }
   //取得相片
   function getPhoto() {
     navigator.camera.getPicture(onPhotoURISuccess, onFail, { quality: 50,
     destinationType: navigator.camera.DestinationType.FILE_URI,
     sourceType: navigator.camera.PictureSourceType.PHOTOLIBRARY });
   }
   //取得相片失敗
   function onFail(message) {
           alert('Failed because: ' + message);
   }
```

上傳圖片

```
//上傳圖片(使用DATA URI格式)
   function uploadPhoto() {
             var largeImage = document.getElementById('largeImage');
           var imageURI = largeImage.src;
              var options = new FileUploadOptions();
              options.fileKey="image";
              options.fileName=imageURI.substr(imageURI.lastIndexOf('/')+1);
              options.mimeType="image/jpeg";
              var params = new Object();
              params.value1 = "test";
              params.value2 = "param";
              options.params = params;
              var ft = new FileTransfer();
              ft.upload(imageURI, "http://www.sbiec.com/phonegap/upload.php", uploadSuccess,
uploadfail, options);
   }
   function uploadSuccess(r) {
           console.log("Code = " + r.responseCode);
           console.log("Response = " + r.response);
           console.log("Sent = " + r.bytesSent);
   }
   function uploadfail(error) {
           alert("An error has occurred: Code = " = error.code);
   }
```

下載圖片

```
//下載圖片
function downloadPhoto(){
    var downloadFileTransfer = new FileTransfer();
    //設定下載網址
    var url = "http://phonegap.com/assets/support_sales.jpg";
    //設定存放路徑
    var filePath = "mnt/sdcard/support_sales.jpg";
    downloadFileTransfer.download(
    url,
    filePath,
    function(entry) {
      console.log("download complete: " + entry.fullPath);
    },
    function(error) {
      console.log("download error source " + error.source);
      console.log("download error target " + error.target);
      console.log("upload error code" + error.code);
    }
    );
}
```