JSinSA Demo Script

# Prep

* ZoomIt -open
* Windows 8
* VS 11 - open
* Blend
* Webcam connected and ready to go

# Demo 1

In VS 11

Visual Studio 11. Talk about VS tooling.

JavaScript templates – talk about the five. Talk about why blank.

In default.js – talk about separation of code & UI. Run. Show snapped view.

Switch to Blend.

* Change title to H1 in source, add img
* Talk about the UI etc…
* Switch back to VS – reload project
* Insert demo layout snippet and talk about what it is

window.addEventListener("load", initialize);

function initialize() {

 document.getElementById('validate').addEventListener("click", go);

}

function go() {

 //part one

 Windows.UI.Popups.MessageDialog("hi").showAsync();

 //part two

 Windows.UI.Popups.MessageDialog("hi").showAsync().then(function (e) {

 Windows.UI.Popups.MessageDialog("Bye").showAsync();

 });

}

# Demo2

Add ID number snippet

function go() {

 var idNumber = document.getElementById("idNumber").value;

 if (validateIDNumber(idNumber)) {

 Windows.UI.Popups.MessageDialog("Valid").showAsync();

 }

 else {

 Windows.UI.Popups.MessageDialog("Invalid").showAsync();

 }

}

Talk debugging in VS – call stack, locals, pinning, break points

# Demo 3

function takePhoto() {

 var capture = new Windows.Media.Capture.CameraCaptureUI();

 var imageLocation = document.getElementById("photo1");

 capture.captureFileAsync(Windows.Media.Capture.CameraCaptureUIMode.photo).then(function (pic) {

 if (pic) {

 imageLocation.src = URL.createObjectURL(pic);

 }

 });

}

function initialize() {

 document.getElementById('validate').addEventListener("click", go);

 **document.getElementById('photo').addEventListener("click", takePhoto);**

}

Run, fail because of no permissions – talk about settings & charm bar

Go to manifest and add web cam declaration, re run - block, back, show settings, enable run

# Demo 4

var currentPhoto;

function takePhoto() {

 var capture = new Windows.Media.Capture.CameraCaptureUI();

 var imageLocation = document.getElementById("photo1");

 capture.captureFileAsync(Windows.Media.Capture.CameraCaptureUIMode.photo).then(function (pic) {

 if (pic) {

 **currentPhoto = pic;**

 imageLocation.src = URL.createObjectURL(pic);

 }

 });

}

function setUpSharing() {

 var manager = Windows.ApplicationModel.DataTransfer.DataTransferManager.getForCurrentView();

 manager.addEventListener("datarequested", function (args) {

 args.request.data.properties.title = "Share ID & Photo";

 args.request.data.setStorageItems([currentPhoto]);

 });

}

function sharePhot() {

 Windows.ApplicationModel.DataTransfer.DataTransferManager.showShareUI();

}

function initialize() {

 **setUpSharing();**

 document.getElementById('validate').addEventListener("click", go);

 **document.getElementById('share').addEventListener("click", sharePhoto);**

 document.getElementById('photo').addEventListener("click", takePhoto);

}

# Demo 5

Add jQuery via Nuget

Drag jQuery script to header of page

function initialize() {

 setUpSharing();

 **$("#validate").live("click", go);**

 **$("#share").live("click", shareIDNumber);**

 **$("#photo").live("click", takePhoto);**

}