

Rich Media Support in SharePoint 2013

Presented by Peter Carson
President, Envision IT

December 1, 2012

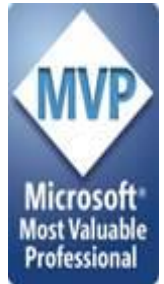


Leaders in SharePoint Solutions

Peter Carson



- President, Envision IT
- SharePoint MVP
- Virtual Technical Specialist, Microsoft Canada
- peter@envisionit.com
- <http://blog.petercarson.ca>
- www.envisionit.com
- Twitter @carsonpeter
- VP Toronto SharePoint User Group
- Iron SharePoint Chairman



Agenda

- Envision IT Overview
- Image Renditions
- Photo Viewer
- Image Rotator
- Video Player
- Custom 404
- Wrap-Up and Q&A



SERVICES

Leaders in SharePoint Solutions



PRODUCTS

Products to Enrich your SharePoint Experience



Envision IT Services Overview

Focused on complex SharePoint solutions, Envision IT is the “go-to” partner for Microsoft SharePoint, building integrated public web sites, Intranets, collaboration portals, and Extranets.



Products



Envision IT
Extranet User Manager
for SharePoint



Envision IT
Digital Marketing Suite
for SharePoint



Envision IT
Video Player
for SharePoint



Envision IT
Image Rotator
for SharePoint



Envision IT
Photo Viewer
for SharePoint



Envision IT
Custom 404
for SharePoint



Images in SharePoint 2013

- Drag and drop images or videos into Asset libraries
- In 2010 Asset libraries automatically created _t thumbnail images and _w web-friendly images
- In 2013 we have much greater control through Image Renditions
 - You can specify any number of resized images
 - They are created on the fly and cached in the blob cache
 - Content authors can control the cropping and scaling

What do you need for Renditions?

- A publishing site collection
- A configured BLOB cache
- An asset library
- You define Image renditions at the Site level
- You can then Edit Renditions on any image in an Asset Library in that site

Products to Enhance your SharePoint Experience



Envision IT
PhotoViewer
for SharePoint



Products to Enrich your SharePoint Experience

Introduction

- SharePoint includes asset libraries for storing pictures
- Photo Viewer provides a rich user experience to browse those images
- Example applications include corporate event photos, product displays and portfolios, and historical timelines

Features

- Photos stored in an Asset Library
- Easily managed by content authors
- Optional navigation built from folder structure
- Web part added to web pages

Products to Enhance your SharePoint Experience



Envision IT
ImageRotator
for SharePoint



Products to Enrich your SharePoint Experience



- Allows images to be displayed in rotating sequence on a web site
- Each image acts as a launching pad to a target URL or video that may promote a campaign, product, special event, news item, etc.





- Asset library of rotation images
- Rotation order and target URLs are defined in metadata
- Publishing start and end can define when they appear on the site
- Supports iPad and mobile devices





- Easy for content authors to maintain
- Valuable real estate on the home page is increased dramatically
- Number and sequence of images in the rotation is easily configured
- Scheduled start and end dates allow images to be queued for appearance
- Content approval and publishing are supported
- Visitors are able to interact with the images
 - Pause the rotation
 - Click a numbered button/icon to advance to a specific item



Products to Enhance your SharePoint Experience



Envision IT
VideoPlayer
for SharePoint



Products to Enrich your SharePoint Experience

Introduction

- There are no standards in video formats or players
- Video Player allows you to stream videos in SharePoint pages from a variety of sources using the appropriate player for the platform



Microsoft®
SharePoint® 2010

Easy for authors
Progressive downloads only



Broader public exposure
Free
Lack of control



Windows Server®
IIS Media Services

Internal streaming
Supports Smooth streaming



Windows® Azure™

Public Streaming
Supports Smooth streaming



HTML

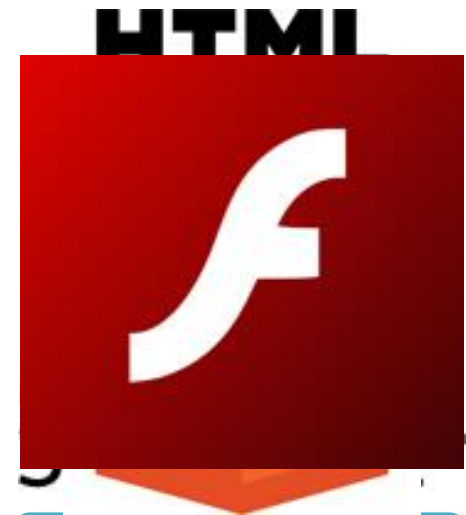


Microsoft®
Silverlight™

Traditional video player
Requires a plug-in
Only works on PC and Mac platforms

Newer standard supported by more recent
browsers and mobile platforms
Differing video standards on different platforms

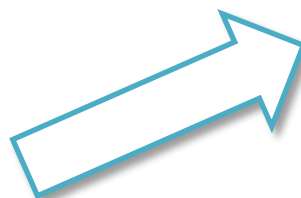
Requires a plug-in
Only works on PC and Mac platforms
Provides the best video experience on those
platforms



Smooth Streaming



MP4



M



Smooth Streaming

Theora



Smooth Streaming

- Adapts to the bandwidth and CPU conditions of the client computer
- Fast Internet connection -> Higher quality video
- CPU heavily loaded -> Lower quality video



www.iis.net/media/experiencesmoothstreaming

Features

- Stream videos in SharePoint pages from a variety of sources
- Easy for content authors to implement video streaming on their pages
- Upload and tag thumbnail images or list entries
- One or more videos are rendered on your page through a single web part

Features

- Support for PC, Mac, iOS, Android, Blackberry, and Windows Phone
- Multiple devices are supported through a combination of Silverlight, HTML5 and Flash
- Two player modes
 - Inline on the page
 - Popup div on top of your page

Features

- Videos can be stored in SharePoint, IIS, Azure, or YouTube
- Supports secure https sites as well
- Smooth Streaming support from Media Servers and Windows Azure on Silverlight and iOS clients

Products to Enhance your SharePoint Experience



Envision IT
Custom404
for SharePoint



Products to Enrich your SharePoint Experience

Overview

- Redirect old or incorrect URLs to specific pages on your new SharePoint site
- Supports shortened URLs for marketing purposes

Some examples

- Your new site has incoming links from external sites pointing to now invalid URLs from the old site
 - i.e. if Facebook had a link to an article on your old site
- You'd like to provide a short URL to pages deep inside your site
- Bookmarked pages have changed
- Site visitors mistype your URL in their browser
- An author has left a broken link on a page



The webpage cannot be found

HTTP 404

Most likely causes:

- There might be a typing error in the address.
- If you clicked on a link, it may be out of date.

What you can try:

- Retype the address.
- [Go back to the previous page.](#)
- Go to [and](#) look for the information you want.
- [More information](#)

Features

- The **Envision IT Custom 404 for SharePoint** will eliminate 404 errors and provide a richer user experience
- It is configurable in the following instances:
 - **Exact Match** - redirects visitors from an old URL to the matching new one
 - **Starts With** - redirects visitors from a particular part of your site to a specific page
 - **Contains Match** - selects common keywords in a bad URL and redirects users to the related page
 - **Default** – a catch-all for any other bad URLs

Situation 1



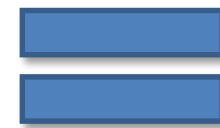
Goes to Old Site

Old URL linked on an external site:
[www.envisionit.com/content.asp?
L=E&DocID=9](http://www.envisionit.com/content.asp?L=E&DocID=9)

Situation 2



Goes to New Site



404
Error

Old URL linked on an external site:
[www.envisionit.com/content.asp?
L=E&DocID=9](http://www.envisionit.com/content.asp?L=E&DocID=9)

Solution



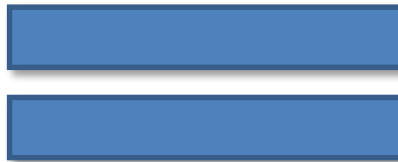
Old URL linked on an external site:
[www.envisionit.com/content.asp?
L=E&DocID=9](http://www.envisionit.com/content.asp?L=E&DocID=9)



Redirects to New Page on the New Site:
[http://www.envisionit.com/Products/News/Pages/En
vision-IT-Wins-2010-Microsoft-IMPACT-Award.aspx](http://www.envisionit.com/Products/News/Pages/Envision-IT-Wins-2010-Microsoft-IMPACT-Award.aspx)



Types in: www.envisionit.com/eum
Shortened URL



Redirected to: www.envisionit.com/Products/Pages/Extranet-User-Manager-for-SharePoint.aspx
Full Target URL



Types in: www.envisionit.com/badurl
Mistyped URL



Redirected to: www.envisionit.com/pages/custom-404-default.aspx
Default 404 Page



Oops! The page you're looking for cannot be found.

You can try Search in the upper right. Or you can try one of these popular pages:

[Home](#)[Contact Us](#)[Products](#)

You arrived at this page through our Custom 404 redirect product.

You can find out more about it on the [Custom 404 product page](#).



Envision IT
Custom404
for SharePoint

Links

- www.envisionit.com/products
- blog.petercarson.ca
- <http://www.shopsatdonmills.ca/en/custom/Pages/PhotoGallery.aspx>
- <http://www.tarion.com/Pages/default.aspx>
- <http://www.transamerica.ca/en/Pages/Home.aspx>
- <http://www.bgccan.com/EN/Pages/default.aspx>
- <http://collegeofece.on.ca/en/Pages/Home.aspx>
- <http://www.russelmetals.com/EN/Pages/Home.aspx>
- Video and presentation deck will be at www.envisionit.com/events

Questions?

