



SharePoint 2013 Web Sites

see more.



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





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, Extranets, and web applications that leverage your existing systems anywhere over the Internet.



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

Agenda

- Web Site Gallery
- Envision Shakespeare Project
- What's New in WCM
- SharePoint WCM Glossary
- Adaptive Web Design
- Wrap-Up and Q&A

Web Site Gallery

Products

 SHARE

-  ExtranetUserManager
-  Custom404
-  VideoPlayer
-  PhotoViewer
-  ImageRotator
-  StreetPerfect.NET



Identity Management
and
Authentication

Search	Add	Configure
		
Groups Users	Group User Import Users Managed Domain SharePoint Site	System Settings Managed Domains SharePoint Sites General Email Settings Pending Approval Email Pending Approver Email Welcome Email Forgot Password Email

Extranet Security, Collaboration & Account Management for SharePoint

Upcoming Events

[SharePoint Summit](#)
May 13-15, 2013, Toronto

[DevTeach Toronto / Mississauga](#)
May 27-31, 2013

[SharePoint Fest D.C.](#)
August 5-7, 2013, Washington D.C.

[See all events](#)

New Releases

Extranet User Manager

Version 2.6.4847.8
Release April 15, 2013

Video Player

Version 1.0.4850.6
Release April 12, 2013

SharePoint 2013 is here!



Envision IT is your first resource for:

Resources: View our presentations, videos, events, and references on our [SharePoint 2013](#) page.

Blog: Our President, Peter Carson is a Microsoft MVP. [Read his blog](#) for the latest on our research and development around SharePoint 2013.

Peter Carson MVP

“Creating a Dialogue around Microsoft SharePoint”

+ SHARE

Apr.26.2013

Information Architecture

Establishing a solid information architecture is the key to a successful SharePoint project, regardless of the type (web content management, enterprise content management, etc.). Over the years I've learned a lot about this from my good friend and fellow MVP Ruven Gotz.

Ruven has done more to promote how to gather and build a solid IA from the business than anyone else in the SharePoint space. His book [Practical SharePoint 2010 Information Architecture](#) is an excellent resource, regardless of what version of SharePoint you are using. I also recommend checking out Ruven's blog at <http://spinsiders.com/ruveng/>.

One of the tools that Ruven introduced me to that all of our Senior Consultants at Envision IT use now is MindJet's [MindManager](#) (now just called MindJet). It is a great tool for brainstorming and information planning and organizing. It is not focused on the presentation details of the information, but rather just capturing the ideas and the relationships between them.

For our Envision Shakespeare Company site, we have started to flesh out the information architecture, along with some of the feature and term store ideas. Joe did most of the work on this, and I've included both the PDF and MindJet versions of the files for you to see.

 [Envision Shakespeare Company Information Architecture.pdf](#)

 [Envision Shakespeare Company Information Architecture.mmap](#)

[Return to the Table of Contents](#)



Microsoft
SharePoint 2010



Links

[About Peter Carson](#)

[Envision IT](#)

Tags

Azure **Community** Digital
Asset Management Extranets Iron
SharePoint Search SEO SharePoint 2013

Apr.26.2013

Envision Shakespeare Company

The Envision Shakespeare Company is a fictional theatre company focused on the works of William Shakespeare. The idea is to capture the works of Shakespeare themselves, along with the requirements of an active theatre company, together into a web site delivered on SharePoint 2013. Since Shakespeare's works are in the public domain, we have a large set of content to demonstrate the rich WCM features of SharePoint 2013.

The main goals of this project are to:





Cross Country

Cross Country is just one of the many extra curricular activities that happen at Forest Hill.

[Read more](#)

June 2014

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

[View All](#)

School Hours

Morning Bell	9:10 AM
First Break	10:50 AM
Second Break	1:10 PM
Final Bell	3:30 PM

Useful Links

- Newsletters
- Community Use of Schools
- Meet your Trustees
- Check the Weather
- Contact Us
- Annual Fayre 2014
- Lunch Lady

What's New

[View All](#) | [Subscribe](#)

Final Report Card Coming Home on June 25

Our final report card for the 2013-14 school year will make its way home with our students on June 25th. ...

Midhurst Mile Family Fun Run and Bike Rodeo

Our Midhurst Mile & Bike Rodeo is a volunteer run event to help raise funds for student athletics at Forest ...

Welcome to our new website

Our website was recently upgraded with a fresh look and new features. It is now fully mobile and tablet ...

School Council members: Help engage parents by joining the Parent Involvement Committee

Through the Simcoe County District School Board (SCDSB)'s Parent Involvement Committee (PIC), parents work together with schools, families and ...

Applications due May 16 for 2014-15 'Parents Reaching Out' Grants

Parents play a vital role in public education and Ontario's Parents Reaching Out (PRO) Grants are designed to encourage ...

Quick Access


[Pay fees](#)

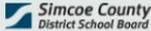
[Bus Information](#)

[Registration](#)

[High School](#)

[School Council](#)





[Events Calendar](#)
[Contact Us](#)
[Admin](#)

[School Council](#)
[Homework Help](#)

[Code of Conduct](#)
[Newsletters](#)



Hospitals ▶

Non-Hospitals ▶

Aesthetics

Outpatient centers

Blood centers

EMS

See Vascular Imaging in a Whole New Light

VeinViewer's breakthrough light technology has greatly improved vascular access.



Request Information

or schedule a demonstration

VeinViewer Benefits

Pre, During, and Post

Rolling Ticker Title

Lorem ipsum dolor sit amet, consectetur elit. Integer eu justo ipsum, vitae vehicula dia...

News Coverage Title

Lorem ipsum dolor sit amet, consectetur elit. Integer eu justo ipsum, vitae vehicula dia...

See How the VeinViewer Works



Why Choose VeinViewer

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer eu justo ipsum, vitae vehicula diam. Nulla et tortor sed ante mia. [Click here to download our latest white paper](#)

Schedule a Demo



PRINT | SHARE

Capital One
Race for Kids

**It's not a marathon...
It's not a walk...**

Register today for an exciting new adventure race in your community.

www.raceforkids.ca

Boys & Girls Clubs of Canada
Clubs Garçons et Filles du Canada

1 2 3 4 5

Get Involved ▶

Sign-up For Newsletter ▶

Find a Club

- select a province -

- enter a postal code -

Start a Club ▶

Follow us on



Latest News ▶

3/5/2012

[Boys and Girls Clubs of Canada and Capital One Launch Capital One Race for Kids](#)

It's not a run. It's not a walk. It's something...

2/23/2012

[Boys and Girls Club of Canada and President's Choice® Children's Charity Partner to Fuel Brighter Futures for Canadian Children](#)

Boys and Girls Clubs of Canada (BGCC) is proud to...

Our Mission ▶

To provide a safe, supportive place where children and youth can experience new opportunities, overcome barriers, build positive relationships and develop confidence and skills for life.

More ▶

Did You Know?



For over 100 years, Boys and Girls Clubs have used the model of learning through play in our after-school programs.

This Globe & Mail article examines how play-based learning and a focus on building emotional intelligence can help kids be more

Partner News



BGCC partner AMD Foundation Named a 2012 Computerworld Honors Laureate

AMD Changing the Game, the Foundation's signature initiative, has reached more than 75,000 youth in six countries with video game design opportunities. The program's





[Home](#)

 [Online Tools](#)

[Gambling Information](#)

[Getting Help](#)

[Support For Families](#)

[About Us](#)

[Contact](#)

Welcome to Self-Help Gambling Tools



Gambling Quiz

Answering these nine questions will help you understand if gambling is having a negative impact on your life.



Monitor Your Gambling & Urges

Use this web tool to keep track of when you gamble, or feel the urge to gamble. Mobile App also available.



Self-Help for Those who Gamble

Do you gamble? These interactive tools will help you explore, cut down or stop gambling.



Self-Help for Family and Friends

Does someone you care about gamble too much? With these interactive exercises, learn why they gamble and what you can do to help.

Ontario Problem Gambling Helpline

 1-888-230-3505

- Open 24 hours, 7 days a week
- Free, confidential and anonymous
- Available across Ontario
- Service in more than 140 languages

The Helpline provides information about and referrals to problem gambling counselling services, including telephone counselling and organizations such as Gamblers Anonymous and Gam-Anon.

Please remember that the tools on ProblemGambling.ca are self-help exercises. The information you enter online will be anonymous, and will not be reviewed by anyone. Registration is free.





Operating Segments

Metal Service Centers



Energy Tubular Products



Steel Distributors



CONNECT WITH A CUSTOMER SERVICE REPRESENTATIVE



Calculators

Russel Metals Inc. (Russel Metals or the Company) is one of the largest metals distribution and processing companies in North America. The Company primarily distributes steel products and conducts its distribution business in three principal business segments: metals service centers; energy tubular products and steel distributors.

Metal Service Centers

We provide processing and distribution services to a broad base of customers. We service all major geographic regions of Canada and the Southeastern and Midwestern regions in the United States. To service our customer base we carry a broad line of metal products in a wide range of sizes, shapes and specifications, including carbon hot rolled and cold finished steel, pipe and tubular products, stainless steel, aluminum and other non-ferrous specialty metals. We purchase these products primarily from North American steel producers and package and sell them to end users in accordance with their specific needs. We service a wide variety of industries, including machinery and equipment manufacturing, construction, shipbuilding and natural resources, such as mining and petroleum.





Learn More About Your Warranty

Our ongoing series of videos and guides are designed to provide you with important information about your new home warranty.

[Learn More](#)

Sign In

- > [MyHome](#)
- > [Builder Portal](#)

Email a Customer Service Representative

[Register for MyHome](#)



[Online Education Seminars](#)



[Homeowner Information Package](#)



[MyHome](#)
Manage your warranty online



[FAQ](#)
Get answers to your questions



New Home Buyers

- [Understanding Deposit Protection](#)
- [Understanding Delayed Closing and Occupancies](#)
- [Warranty Protection](#)
- [What's Covered and When?](#)
- [Your Pre-Delivery Inspection](#)
- [More...](#)



New Home Builders

- [Registering and Renewing](#)
- [Enrolling New Homes](#)
- [After-Sales Service](#)
- [Tarion Awards of Excellence](#)
- [Illegal Building](#)
- [More...](#)



Warranty Protection

- [What's Covered and When?](#)
- [What's Not Covered?](#)
- [Types of Homes Not Covered](#)
- [Warranty Process and Making a Claim](#)
- [How the Statutory Warranty Works](#)
- [More...](#)



[Licensed Builder Directory](#)

Quick Links

- > [Builder Bulletins](#)
- > [New Home Buyer and Builder Publications](#)
- > [Public Consultations](#)
- > [Ombudsperson](#)
- > [Construction Performance Guidelines](#)





> **Featured Products**



Universal Life

You've decided that you need life insurance. But not just any life insurance will do. You want a financial solution that will protect you during your lifetime and provide for your loved ones or beneficiaries. Consider a universal life (UL) plan.



Income Pays!

Transamerica has many tools to help you build better tomorrows for your clients. Through the Transamerica Guaranteed Investment Funds (TGIF) contract advisors have access to several fixed-income funds.

> **Featured Tools**

- [Advisor Forms](#)
- [Careers - Join Our Team](#)
- [News](#)
- [Rates of Return](#)
- [Accessibility](#)

> **Featured Solutions**



Insure your mortgage

Your lending institution offers mortgage insurance. But why settle for an insurance product that does...



Investing

Whether you want to build a nest egg, secure a retirement income or have a completely different goal...



Retirement Planning

Wouldn't it be great to look forward to your retirement rather than worry about how to pay for it?

> **Meet...**

WE MADE THEM
A TOMORROW
THEY COULD LOOK
FORWARD TO.

About Us

Public

Employers

Members

Become a Member



The College of Early Childhood Educators is a professional self-regulatory body for early childhood educators formed to protect the public interest and focused on quality and standards in the practice of early childhood education.



Third Annual Meeting of Members Video...Coming Soon!



A video recording of the College's third annual meeting of members will soon be available on our website. The video will include:

- Greetings from the Minister of Education
- President's Report
- Complaints Committee Report
- Auditor's Report
- Special Presentation from the College's Registrar and CEO, Sue Corke

Latest News

3/21/2012

[Updates to the College's Public Register](#)

Looking up a registered early childhood educator (RECE) just got...

3/20/2012

[Notice of Council Meeting](#)

Date/time of meeting: April 11, 2012; 1:00 - 5:00 p.m.
April...

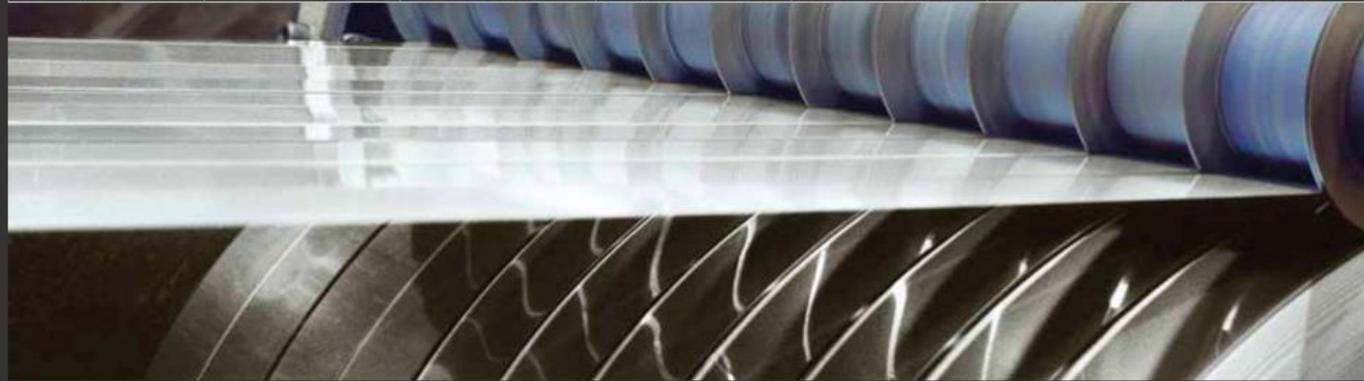
3/14/2012

[Winter Newsletter Now Available](#)

The Winter '12 Member Newsletter is now available. Read the Winter...

[More News...](#)

> [Public Register](#)
> [Contact Us](#)



Over 155 years of experience in the metals industry

[>>Learn more](#)



Stanrail Acquisition

RECENT NEWS -- March 2012. [Stanrail Corporation](#), a premier designer, manufacturer and distributor of railcar components became part of the [Roll Form Group](#), a division of Samuel, Son & Co., Limited.



More Than Metal

Carbon steel, aluminum and stainless steel may be the backbone of our operations, but Samuel offers much more. Explore our site to find out about our [Manufacturing Divisions](#), [Transportation Services](#) and customized [Value-Added Programs](#).



A History of Quality

Samuel has built a leading name in the metals industry since 1855 and now operates [locations](#) worldwide. View our development as the largest family-owned metals distribution and processing corporation in North America in our [historical timeline](#).

[Contact Us](#)

[eService Login](#)

[Site Map](#)

[Privacy Policy](#)

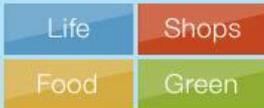
© 2012 Samuel, Son & Co., Limited

A superior mix of features make this a truly unique work environment

Love what you do, love where you do it - on Vancouver's scenic waterfront, in the downtown business and shopping core, adjacent to the convention centre.

Welcome to Waterfront Properties

Select



Waterfront Properties Leasing



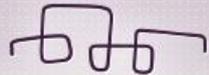
- Explore Leasing
- Availability
- Leasing Contacts

News & Events

GREEN AT WORK™ Eco-Fair 2011...
Ice Cream Days - Granville Square Plaza...
More...

Gift Card





SHOPS AT DON MILLS®

[Jobs](#) | [Subscribe](#) | [Contact Us](#)

Search

[Home](#)

[Centre Information](#)

[Store Directory](#)

[Promotions](#)

[eMagazine](#)

[Restaurants](#)

[Guest Services](#)

[Events and Photos](#)

TOP CHEF CANADA
ONLY ONE WILL TASTE THE GLORY

MONDAYS 10^{ET} 9^{PT}

food network

SHOPS AT DON MILLS®
SEEN ON THE NEW SEASON

Cadillac Fairview
RUN/WALK
cadillacfairview.com

CONDO LIVING
AT THE SHOPS AT DON MILLS

Proudly committed to

60
EARTH HOUR

Get Experienced ▶
Sign up for our eNewsletter

Centre Hours

Mon-Fri 10:00 AM - 9:00 PM
Sat 9:30 AM - 6:00 PM
Sun 11:00 AM - 6:00 PM
Using GPS? Enter 1060 Don Mills Road.

416.447.0618

What's New

[Skating rinks lure customers off the couch](#)
[SHOPS AT DON MILLS IS THE PRIMARY SHOPPING DESTINATION FOR TOP CHEF CANADA !!!](#)
[Free Investing 101 Seminar - Edward Jones March 29, 2012](#)

shops.ca

The Perfect Gift Card

Cadillac Fairview

©2011 Cadillac Fairview Corporation

[Accessibility](#) | [Leasing Information](#) | [Privacy](#) | [Disclaimer](#) | [Find a Shopping Centre](#)

Welcome

to our  **new site**

Check out our new features and tell us what you think >

FIND IT FAST

- [Careers](#)
- [Data Reports](#)
- [Just Clean Your Hands](#)
- [Laboratories](#)
- [PIDAC](#)
- [Regional Infection Control Networks](#)

NEWS

- [PHO Connections June 2013](#)
- [New Report](#)
Connecting the Dots: How Ontario Health Units are Addressing Child and Youth

HOT TOPICS

- [Middle East respiratory syndrome coronavirus \(MERS-CoV\)](#)
- [June 2013: Monthly Infectious Disease Surveillance Report – Focus on Sunbilia](#)

RESEARCH IN ACTION

"We need to change public ideas and norms, increase engagement and knowledge, and promote belief in vaccines."



~Dr. Natasha Crowcroft in *The Lancet Infectious Diseases*

Read about [PHO's contribution to the body of evidence on immunization.](#)

UPCOMING EVENTS

[View and register for events](#)



Links

- www.envisionit.com
- blog.petercarson.ca
- www.envisionit.com/shakespeare
- <https://Shakespeare.envisionit.com>
- <http://for.scdsb.on.ca>
- www.christiemed.com
- www.bgccan.com
- www.problemgambling.ca
- www.russelmetals.com
- www.tarion.com
- www.transamerica.ca
- www.collegeofece.ca
- www.samuel.com
- www.thewaterfrontproperties.ca
- www.shopsatdonmills.ca
- www.publichealthontario.ca



The Envision Shakespeare Company is ecstatic to have received a donation of historical costumes!

Look for them this season on the stage.

▶ 1 2 3

News

Friday, March 29, 2013

[Mishap during Rehearsal](#)

Thursday, May 30, 2013

[Tony Nominations Announced](#)

Thursday, May 2, 2013

[Acting Classes Now Offered](#)

[Read all news articles »](#)

Vivamus at lectus

Donec ullamcorper dui sollicitudin augue tincidunt nec blandit sem varius. Duis lacinia viverra varius. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Nulla porta dolor a neque interdum placerat. Vivamus ut nisi magna. Maecenas in mauris eu est rhoncus viverra fermentum id nulla.



Envision Shakespeare Company by Envision IT Inc. is licensed under a Creative Commons

Attribution-ShareAlike 3.0 Unported License.

[Contact Us](#) | [Disclaimer](#) | [Privacy](#)

Shakespeare Reference Project

- www.envisionit.com/shakespeare
- Download the zip file for all the artifacts
 - MindMap
 - Axure wireframe
 - Word Functional Spec
 - Visual Studio projects
 - PowerShell deployment scripts
 - Term store export/import tool and XML data
 - Term store navigation control
 - Content

Setup Your VM

- Local machine
 - 32 Gb RAM and 8 cores
 - Two SSD drives
- Single local developer VM
 - 24 Gb RAM and 4 cores
 - Windows Server 2012
 - SQL Server 2012
 - SharePoint Server 2013 installed with AutoSPInstall
 - Visual Studio 2012
 - Office Developer Tools for Visual Studio 2012

Use Cloudshare

- Need a full Cloudshare account for outbound Internet access
 - www.cloudshare.com
- May be able to use a trial if you can get the files loaded
- Download and install the trial software and Shakespeare package
 - www.mindjet.com/products/mindmanager
 - www.axure.com/features
 - <http://aka.ms/OfficeDevToolsForVS2012>
 - www.envisionit.com/shakespeare
- Need to setup the Managed Metadata Service
- Disable the loopback check

Initial Site Setup

- Download the package from www.envisionit.com/shakespeare
- Navigate to the Builder folder
- Review the ShakespeareBuild_0_SetEnvironment.ps1
- Adjust the ShakespeareTaxonomy.xml
 - Search and replace LABVM\administrator with an appropriate owner account
- Right-click ShakespeareBuild_1_Complete.ps1 and run with PowerShell
 - Problem in some environments in the Structure step
 - Need to put a Pause before and wait a few minutes before executing

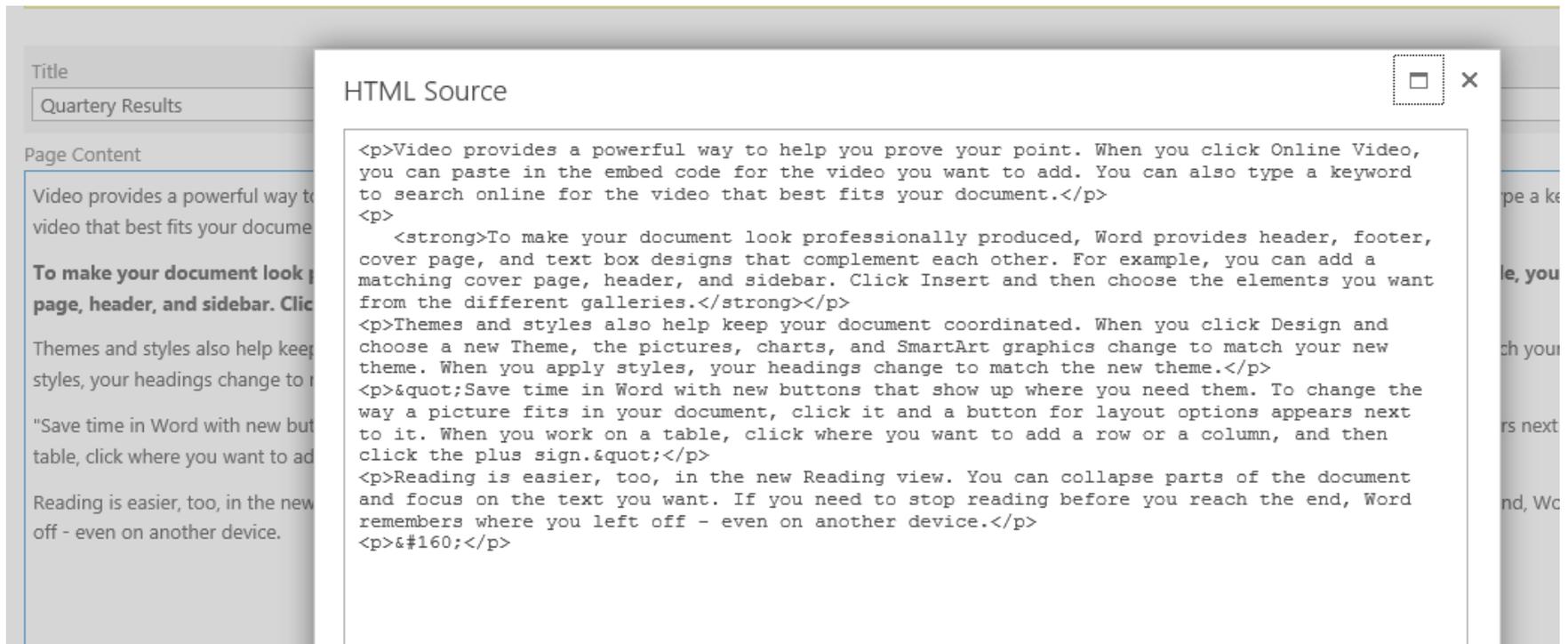
PowerShell Scripts

Script	Purpose
Export	Exports site content (lists and libraries) and the Term Store
0_SetEnvironment	Sets service accounts and deploys site features
01_Complete	Creates the web app and site collection if needed Imports the term store Deploys the Envision IT products Calls the remaining scripts to build the site
02_Structure	Deploys the site columns and content types Creates the lists and libraries
03_PopulateLists	Populates the list and library content
04_EnableCatalogs	Enables the catalog lists for publishing
05_Search	Configures the search schema
06_CreateCatalogConnection	Connects the cross-site publishing catalog features Still a work in progress
07_DeployBranding	Deploys site branding
08_ImportWebParts	Deploys the web part instances



What's New in Web Content Management

Easier Page Authoring With Cut and Paste



The screenshot displays a web editor interface. On the left, a sidebar shows the page title 'Quarterly Results' and a 'Page Content' section with several paragraphs of text. The main area is a 'HTML Source' window showing the raw HTML code for the content. The code includes paragraphs of text, a bolded section, and a paragraph with a non-breaking space at the end.

```
HTML Source

<p>Video provides a powerful way to help you prove your point. When you click Online Video, you can paste in the embed code for the video you want to add. You can also type a keyword to search online for the video that best fits your document.</p>
<p>
  <strong>To make your document look professionally produced, Word provides header, footer, cover page, and text box designs that complement each other. For example, you can add a matching cover page, header, and sidebar. Click Insert and then choose the elements you want from the different galleries.</strong></p>
<p>Themes and styles also help keep your document coordinated. When you click Design and choose a new Theme, the pictures, charts, and SmartArt graphics change to match your new theme. When you apply styles, your headings change to match the new theme.</p>
<p>&quot;Save time in Word with new buttons that show up where you need them. To change the way a picture fits in your document, click it and a button for layout options appears next to it. When you work on a table, click where you want to add a row or a column, and then click the plus sign.&quot;</p>
<p>Reading is easier, too, in the new Reading view. You can collapse parts of the document and focus on the text you want. If you need to stop reading before you reach the end, Word remembers where you left off - even on another device.</p>
<p>&#160;</p>
```

Drag and Drop Files

- Drag and drop files from Windows Explorer into the browser, or the other way
- Doesn't support folders or document sets
- Open in Windows Explorer still works best for this
- Requires IE10 or current versions of Chrome, Safari or Firefox
 - IE8 and 9 supported with Office 2013 installed

Image Renditions

Image Renditions ⓘ

ID	Name	Width	Height	Edit	Delete
Add new item					
1	Display Template Picture 3 Lines	100px	100px		
2	Display Template Picture On Top	304px	100px		
3	Display Template Large Picture	468px	220px		
4	Display Template Video	120px	68px		

- Display uploaded images in predefined sizes, widths, and crops
- Multiple renditions stored in document sets
- Content author can create renditions (including crops) in the browser

Edit Image Rendition

ID	1
Name *	<input type="text" value="Display Template Picture 3 Lines"/>
Width	<input type="text" value="100"/>
Height	<input type="text" value="100"/>

Address: /news/PublishingImages/1_i
Alt Text:



Horizontal Size: 600 px



Horizontal Space: 5 px



Vertical Size: 300 px



Vertical Space: 5 px

Lock Aspect Ratio

Image Styles

Position

Size

Spacing

Change Picture

Pick Rendition

- Full Size Image
- Display Template Picture 3 Lines (100 x 100)
- Display Template Picture On Top (304 x 100)
- Display Template Large Picture (468 x 220)
- Display Template Video (120 x 68)
- News Rendition (300 x 200)
- Contoso Large Rendition (600 x 300)
- Edit Renditions



Design Manager

New way to
build master
pages and
layouts

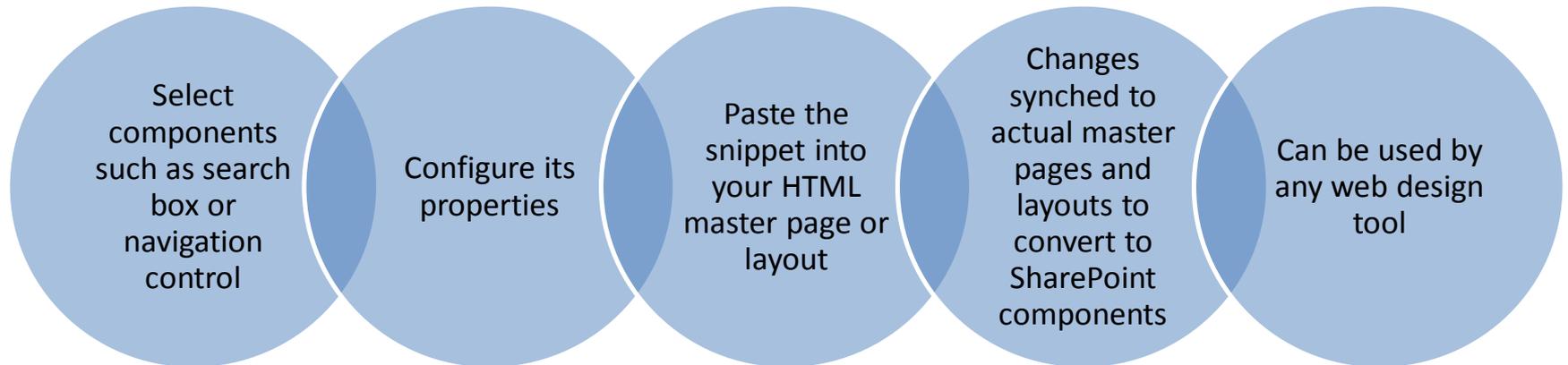
SharePoint
Designer no
longer
required

Edit and
preview in
any HTML
editor

Automatically
creates the
associated
master page
and .aspx
layouts

Package into
a Design
Package WSP
for
deployment

Snippet Gallery



Device Channels

Map channels
to mobile
devices or
browsers

Alternate
master pages
can be
assigned

Page layouts
can include or
exclude
content based
on channel

Managed Navigation

Site navigation
driven by
managed
metadata

SEO-friendly
URLs

Connect site
navigation to
business
concepts
rather than
site structure

Display Templates

Used to
customize the
presentation of
search results

No more XSLT!!!

Three templates

- Control – Overall structure of search results
- Group – Show groups of results
- Item – How each result is presented

Search

- Search is new and different from all previous versions of SharePoint
- The platform has been consolidated
 - Built on a combination of FAST Search and SharePoint Search components, as well as new development work – it is the same from Foundation to Server
 - Foundation Search is intended to replace WSS Search, Microsoft Search Server and Search Server Express from previous versions of SharePoint
- It's used pervasively throughout the product now in many different ways, in different features
 - eDiscovery, navigation, topic pages, Internet facing business sites, etc.

Search in SharePoint 2010

	SharePoint Search	FAST Search
Focus	Enterprise search	Search application platform
Strengths	Ease of deployment, low TCO	Scale, Extensibility
Limitations	Limited extensibility	Complex deployment, maintenance
Products	SharePoint Foundation, SharePoint Server, Search Server	FAST Search for SharePoint, FAST Search for Internet Sites

Search in SharePoint 2013

- Single Extensible Platform
 - FAST Engine
 - SharePoint Crawler
 - Best of both!
- Same Search Platform in both SharePoint and Exchange

Enterprise Search

- Search Page
 - Web parts added to a publishing page
- Catalogs
 - Cross-site publishing
- Library search
 - Executes in place on the library
- Site Search
 - `_layouts/15/osssearchresults.aspx`
 - Specifies the site and search parameters
- Search Centre
 - Basic Search Center - SharePoint Foundation 2013
 - Enterprise Search Center - SharePoint Server 2013

Configure Search

- Go to Central Admin – Manage Service Applications - Search
- Create a new content source just for Shakespeare
 - Under Content Sources
 - Need to remove it from the default Local SharePoint sites
 - Easier and faster to be able to do full crawls of just the one site
- Do a full crawl
 - Drop-down on the content source
 - Picks up the new site columns in the site and makes them available as crawled properties
- Go to Search Schema
 - Delete and Recreate a Managed Property
 - Property Name: ArticleStartDateOWSDate
 - Check the Searchable, Queryable, Retrievable, and Safe checkboxes
 - Add a Mapping to the Ows_ESCSummary crawled property
 - New Managed Property
 - Property Name: SummaryOWSHTML
 - Check the Searchable, Queryable, Retrievable, and Safe checkboxes
 - Set the Refinable and Sortable to Yes - active
 - Add a Mapping to the Ows_q_DATE_ArticleStartDate crawled property
- Do another full crawl

Search

- Add a page – Search
- Change the page layout to home page
- Add a web part to Zone 2
 - Search –Refinement
- Add a web part to Zone 3
 - Search – Search Results
 - Search – Search Box
- Edit the Search Results and Refiners web parts
- Publish
- This is not wired into the master page search yet
- Update the term store to not show this as a nav term

Content Search Web Part

- Similar in concept to the Content Query Web Part
- Many advantages
- Can go across sites, site collections, web apps, even farms
- Leverages the search index -> very scalable
- Query Builder makes it easy to define your results
- Use Display Templates to customize the look and feel
 - No more XSLT
- Part of the Enterprise CAL

Add News to the Home Page

- Go to the home page and edit it
- Add a web part to Zone 2
- Content Rollup – Content Search
- Edit the Web Part
- Change the query
- Items matching a content type
- Restrict by content type – ESCNews (Show all content types first)
- Set the display templates
 - Control_NewsRollup
 - Item_NewsRollup
- Publish
- Note the display template needs to be fixed to point the Read all to /News

Pre-Configured CSWPs

- Popular Items
 - Shows items that have been recently viewed by many users
- Recently Changed Items
 - Shows items that have been modified recently. This can help site users track the latest activity on a site or a library
- Recommended Items
 - Show content recommendations based on usage patterns for the current page
- All of these can be further configured by editing their properties, and changing the search criteria

Search Results Web Part

- Similar functionality to the Content Search Web Part
- Doesn't allow property mapping in the web part configuration
- Mapping is controlled in the Display Template
- Part of the Standard CAL

Topic Pages

- Shows all items that match a topic
- Could be hundreds of virtual pages
- Only one template page
- Easily customizable and SEO friendly (each topic appears to be its own page)
- Content by search web part open search against a query or result source
- May be able to surface the topic pages themselves as site search results

Public Health Ontario

Home > [Information By Topic](#) > Influenza + SHARE

Influenza

1-10 of 11 results

Narrow your results

- Ontario Influenza Bulletin**
Reports for the 2012-13 season ... and conditions:Infectious diseases:**Influenza**Diseases and conditions:Infectious diseases:**Influenza**:**Influenza**-like illnessEpidemiology and Surveillance ...
30/08/2012
- Influenza Vaccine Effectiveness Study**
VE) Study started as a pilot program in BC in 2004 to monitor annual **influenza** circulation and VE against lab confirmed **influenza**. Ontario joined this initiative in 2008 ...
29/03/2012
- Lunch and Learn: Influenza: Antivirals, Reassortments and Laboratory Testing**
Group of The Ontario Health Plan for an **Influenza** Pandemic and is a member of the Pandemic **Influenza** Laboratory Preparedness Network, Canadian Public Health ... Stay up-to-date on upcoming ...
28/03/2012
- Surveillance Services**
2011-2012 Ontario **Influenza** Bulletins ... diseasesCommunicable and Infectious diseases:**Influenza**Laboratory Testing and Sciences ... Ontario **Influenza** Bulletin ...
29/10/2012
- Laboratories surveillance updates**
Reports click on the year below. Click here for 2011-12 Ontario **Influenza** Bulletins and Maps ... Health Ontario Laboratories in Ontario for **influenza** and other viral respiratory pathogens. ...
30/08/2012

Featured

- [Ontario Influenza Bulletin](#)
30/08/2012

Learning & Development

- [Influenza Vaccine Effectiveness Study](#)
29/03/2012
- [Lunch and Learn: Influenza: Antivirals, Reassortments and Laboratory Testing](#)
28/03/2012
- [Pandemic Learning Event \(1\): pH1N1 Primary Care Providers](#)
02/04/2012

Data & Analytics

We did not find any results for **Influenza** .

Tools

<http://www.publichealthontario.ca/en/BrowseByTopic/Pages/Topic.aspx?k=Influenza%20InformationByTopic:%22Influenza%22>

Catalogs

Category Page

The screenshot shows the 'Audio' category page on the Contoso Electronics Superstore website. The page features a navigation bar with 'Audio' selected, and other categories like 'Cameras', 'Computers', 'Home appliances', 'Phones', and 'TV and video'. A sidebar on the left contains filters for 'RETBASPRICE' (a price range slider from 10 to 1,000), 'RETONSALE' (a 'False' checkbox), 'RETBRAND' (a 'Contoso' checkbox), and 'RETCOLOR' (a list of colors: Black, Blue, White, Silver, Green). The main content area displays a grid of nine MP3 player products, each with an image, name, star rating, and price. A blue arrow points from the red 'Litware 2G MP3 Player E200' in the top-left of the grid to the corresponding item page.

Product Name	Price
Litware 2G MP3 Player E200	\$21.57
Litware 2G MP3 Player E200	\$21.57
Litware 2G MP3 Player E200	\$21.57
Litware 2G MP3 Player E200	\$21.57
Litware 4G MP3 Player E400	\$59.99
Litware 4G MP3 Player E400	\$59.99
Litware 4G MP3 Player E400	\$59.99
Litware 4G MP3 Player E400	\$21.57
Litware 4G MP3 Player E400	\$59.99
NT 8GB MP3 Player new model	\$59.99

Item Page

The screenshot shows the 'Litware 2G MP3 Player E200' item page. The page features a large product image of the red MP3 player with earbuds. To the right of the image, the product name 'Litware 2G MP3 Player E200' is displayed, along with the item number '563714690', a price of '\$21.57', and a star rating of '3.4 out of 5'. Below the price, there is a description: '2 GB MP3 player with LCD display for easy navigation between files and playlists. Plays MP3 and WMA files. Integrated voice recorder. High speed USB 2.0 interface.' A 'Color' dropdown menu is set to 'Red'. At the bottom, there are tabs for 'Product description', 'Specification', 'Customer reviews', and 'Accessories'. The 'Overview' section contains a paragraph of text, and the 'Features' section lists three bullet points: 'More value for your money.', 'Functional and attractive.', and 'Make a great gift!'.

www.contoso.com/products/Audio-Liware2g

Catalogs

Results

Consistent
Displays

Manage
content in
one place

No need
to create
pages

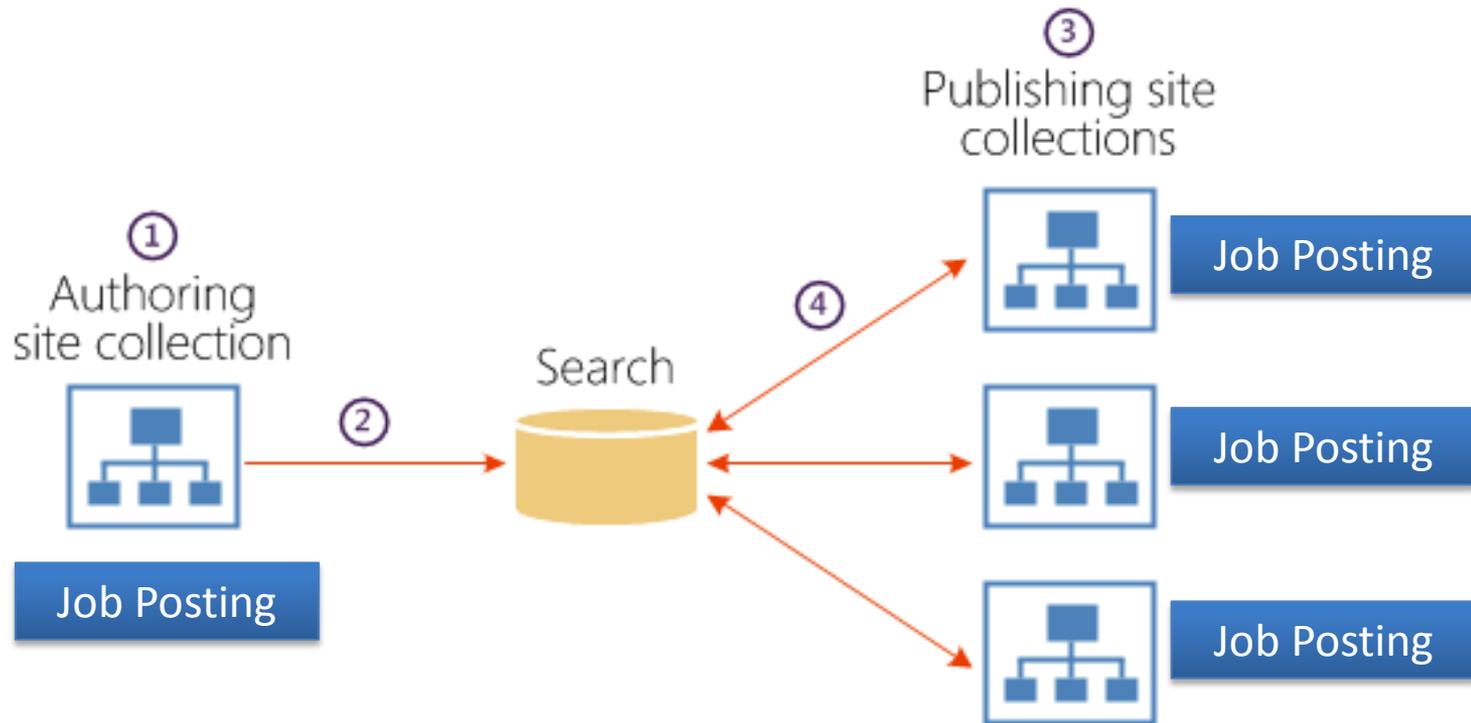
No need
to format

Metadata
Navigation

Cross-Site Publishing

- Reuse content between different sites, including site collections and farms
- Catalogs can surface lists into publishing sites onto a category page and item pages
- Can be surfaced through the Content Search Web Part
- No need to create and publish web pages
- Create custom, friendly URLs
- Metadata based navigation base

Cross Site Publishing



Create the Catalog Connection

- Go to Site Settings
- Manage catalog connections
- Connect to a catalog
- Connect News
 - Select the News term
 - OK

Configure the Category Page

- Navigate to /News
- Edit the page and web part
 - Set the number of items to 10
 - Select the display templates
 - Control_News
 - Item_News
 - OK
- Publish the page

Configure the Catalog Item Page

- Get the Result Source GUID
 - Go to Site Settings – Search Result Sources
 - Click on News Results
 - Get the Source ID from the URL
 - Change the %2D's to -
- Edit the page layout
 - Go to the mapped drive in Design Manager
 - Edit the CatalogItem-News.html file
 - Find SourceID
 - Replace the GUID with the one from above
- Publish the page layout in Design Manager
- Set the page layout for news items
 - Click on a News item
 - Edit the page
 - Change the page layout to Catalog-ItemNews
 - Publish

SEO Enhancements

- Friendly URLs
- Home page redirects
- XML sitemaps automatically generated and updated
- Custom SEO properties

SEO Properties

Name
This page's name may appear in the URL .aspx

Title
Search Engines can use the title to pair this page with search results for similar keywords.

Browser Title
You can customize the text that appears in the title bar of the web browsers viewing this page.

Please enter between 5 and 25 characters in this field.

Meta Description
Search Engines may display this text under a link to this page on a search results page.

Please enter between 25 and 150 characters in this field.

Usage Analytics

- Built for scale from the ground up
 - Detail data rolled up every 15 days & anonymized
 - Daily events purged every 15 days; monthly events after 3 years
 - Lifetime counts always retained
- Counts views & unique items/day
 - Shows recent (2-weeks) and lifetime count
 - Trims least visited content
 - Pushes aggregate data to reporting database
- Drives recommendations capabilities on content
 - Calculations injected into search index as sortable managed properties
 - Deep integration with search engine
 - Can influence search relevance based on content usage

Variations and Multi-Lingual

- Export and import content for translation in XLIFF format
 - Pages
 - Labels
 - List items
 - Navigation
- Bing translation service comes with active SharePoint 2013 license

SharePoint WCM Glossary

SharePoint Glossary

Term	Definition
SharePoint Farm	A set of SharePoint servers that share a single configuration database
Web Application	A top level container and entry-point URLs for site collections
Site Collection	A set of Web sites that are in the same content database, have the same owner, and share administration settings. A site collection can be identified by a GUID or the URL of the top-level site for the site collection. Each site collection contains a top-level site, can contain one or more subsites, and can have a shared navigation structure
Path Based Site Collection	A site collection under a managed path http://webapp/sites/sitecollection
Host Named Site Collection	A site collection with its own unique URL. Must be created through PowerShell
Site	Subsite under a site collection
Site Template	A template for a single site that has been saved from another site. Site templates may or may not contain content. Templates cannot be created from publishing sites

SharePoint Glossary

Term	Definition
Site Column	<p>A single field that can store information of a particular type</p> <ul style="list-style-type: none">• Text• Choice• Number• ... <p>Defined at the site collection level</p>
Content Type	<p>A content type is a reusable collection of Site Columns that can be applied to a certain category of content. Content types enable the management of metadata and behaviors of a document or item type in a centralized, reusable way. Basically, content types include the columns (or fields) that are applied to a certain type of content, plus other optional settings such as a document template.</p>
Document Set	<p>New content type in SharePoint 2010. A document set is a container for multiple documents to which you can assign certain metadata and treat as a single entity in many ways. In addition, a document set can contain one or more different content types.</p>

SharePoint Glossary

Term	Definition
List	A container for list content types or custom list items. Columns can be defined via content types, or directly in the list
Document Library	A SharePoint list that contains documents where you can create, collect, update and share files with others. Like lists, columns can be defined via content types, or directly in the list
Form Library	A special type of library to facilitate the interaction with InfoPath forms
Asset Library	A library typically used to store image, audio, and video files
List Template	A template used to define the configuration of a list or library. Templates can be saved with or without content

SharePoint Glossary

Term	Definition
Term Store	An instance of the Managed Metadata Service. This can be shared between sites, site collections, web applications, or farms
Group	A collection of term sets
Term Set	A collection of related terms
Term	A word or a phrase that can be associated with a SharePoint item
Friendly URL	An SEO friendly URL defined in the term store for a page, rather than the physical URL of where the page is stored (/Pages)

SharePoint Glossary

Term	Definition
Design Manager	2013 feature used to manipulate WCM artifacts
Master Page	Defines elements that are common to all pages, such as the header, navigation, and footer
Page Layout	Defines the layout of a particular style of page, such as news or events. Each page content type can have one or more layouts associated with them
Web Parts	Functional elements that can be added to pages, typically for dynamic content
Apps	Similar to web parts, but run outside of SharePoint, while being hosted in the SharePoint page

Publishing Site Page Rendering

http://foo.com/bar/pages/welcome.aspx

The screenshot shows a web browser displaying a page with a MasterPage.master and PageLayout.aspx. The page content includes a title 'Welcome To News', a date, a byline, and a body of text. A table below the screenshot maps file names to page layout, title, body, and image.

FileName	PageLayout	Title	Body	Image
Welcome.aspx	PageLayout.aspx	Welcome To News	Lorem ipsum dolor sit ...	/Images/Chair.jpg

1. Welcome.aspx page is requested

2. Page layout associated with page is retrieved

3. Master page associated with site is retrieved

4. Controls in page layout render content from page's fields into the page



SharePoint Glossary

Term	Definition
Cross-Site Publishing	Publishing from an authoring site collection to one or more publishing site collections
Catalog	A list that has been published as a catalog
Category Page	A page that displays a rollup of catalog items
Catalog Item Page	A page that displays a single item from a catalog
Display Template	Used to format the results on search pages, in content search web parts, and on category pages

Adaptive Web Design

Adaptive vs. Responsive

Adaptive

- Fixed breakpoints
 - Desktop > 980 px
 - Table portrait > 768 px
 - Phone to tablet
> 480 px < 768 px
 - Smartphone < 480 px

Responsive

- No fixed breakpoints
- Design fluidly adapts to whatever width the browser is

We generally do a hybrid approach, with responsive design in the under 768 pixel situation

Design Approaches in SharePoint

Adaptive Design through CSS media queries

- Broader standards approach used outside of SharePoint
- Keeps a single master page and CSS
- Some unnecessary components may still be loaded

Device Channels

- SharePoint specific approach
- Assign different master pages to different device channels
- Rules define what devices use which channels
- Device Channel Panels can also target content to channels

Hybrid here can also make sense. Device channels can be used to remove unnecessary items from the page payload.

Device Channels

Map client devices to channels

On-premises

Create channels as needed
Up to 10 per site collection,
up to 150 device inclusion
rules

Publishing Site Template
PublishingMobile Site
Collection Feature

O365 Small Business Sites

2 device channels (Default,
FallbackMobile)

Cannot create new ones

Device Channels ⓘ

⊕ new item or edit this list

All Items All Device Channels: Simple Listing ...

✓	Active	Name	Alias	Description
	Yes	Mobile	Mobile	This device channel applies to any devices with a User Agent String that includes Windows Phone OS, iPhone, or Android.
	Yes	Tablet	Tablet	This device channel applies to any devices with a User Agent String that includes iPad.
	Yes	Default	Default	This channel is the default for your site. A device will see the look and feel specified by this channel when no other channels are active or when the device's user-agent string does not match the device inclusion rules for any active channels.

Device Channels

Based on User-Agent value in headers
Catch all mobile channel

\$FALLBACKMOBILEUSERAGENTS;

The image displays three overlapping screenshots of the SharePoint Device Channels configuration interface. Each screenshot shows a form for configuring a specific device channel.

- Default Channel:** Name: Default, Alias: Default, Description: "This channel is the... and feel specified... active or when the... device inclusion ru...", Device Inclusion Rules: (empty), Active: Check this box once you're working on a live site, designing it.
- Tablet Channel:** Name: Tablet, Alias: Tablet, Description: "This device channel... String that includes...", Device Inclusion Rules: iPad, Active: Check this box once you're working on a live site, designing it.
- Mobile Channel:** Name: Mobile, Alias: Mobile, Description: "This device channel applies to any devices with a User Agent String that includes Windows Phone OS, iPhone, or Android.", Device Inclusion Rules: Windows Phone OS, iPhone, Android, Active: Check this box once you've optimized your site for this channel. If you're working on a live site, don't activate this channel before you're done designing it.

Our Adaptive Approach

- Built using the Twitter Bootstrap CSS framework
 - twitter.github.com/bootstrap/
 - Provides a responsive design framework for supporting PC, Mac, tablet, and mobile
 - We enhanced to provide better touch navigation support
 - Can be leveraged in the master page, page layouts, and display templates
- Incorporated into the SharePoint 2013 Design Master
 - HTML based master page that can be edited with any tool
 - SharePoint converts to a master page when uploaded or saved
 - Can still be packaged into a traditional WSP solution for deployment

Going Forward

- We'd like to incorporate Device Channel optimizations into our approach
 - If content is not going to be rendered on a particular device, then use Device Channels to not even download it
 - Reduces the page payload
- Image Renditions are also a powerful way to optimize the page payload for different devices
 - Creates the correct sized images for the device requirements
 - Makes pages load faster

Q & A