



Microsoft®
SharePoint®



SharePoint Search Center Configuration

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Search UI Configuration

- Search Center Basics
 - Result Types
 - Display Templates
 - Search Refinement
 - Promoting Content
-

About Me

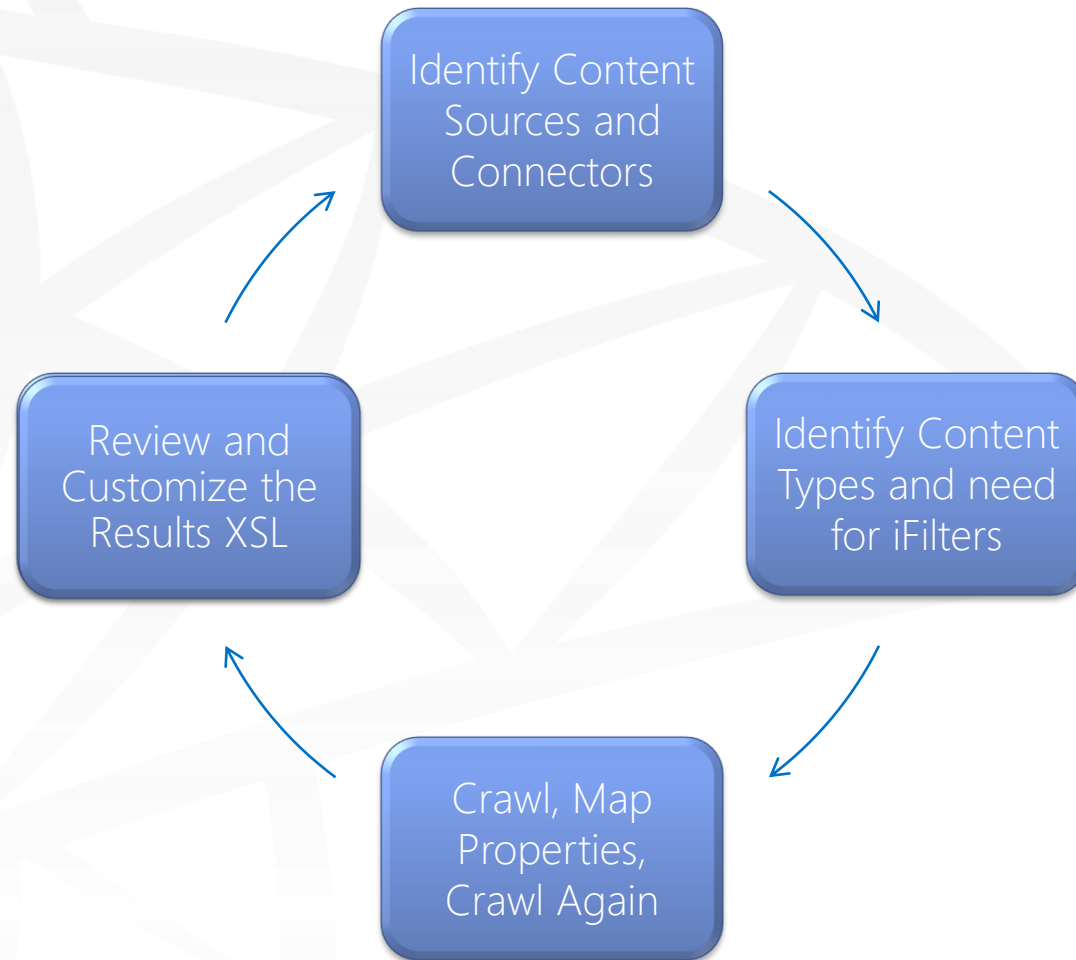
- 7 Time SharePoint Server MVP
 - Founding Member, Director – Aptillon, Inc.
 - <http://www.aptillon.com>
 - Owner of AbleBlue, LLC.
 - Blog: <http://www.ableblue.com/blog>
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About Aptillon

- SharePoint MVPs
- Microsoft Certified Master
- Consultants, Trainers, Authors, Speakers, Bloggers
- Great People, Great Skill, Great Talent, Great Passion



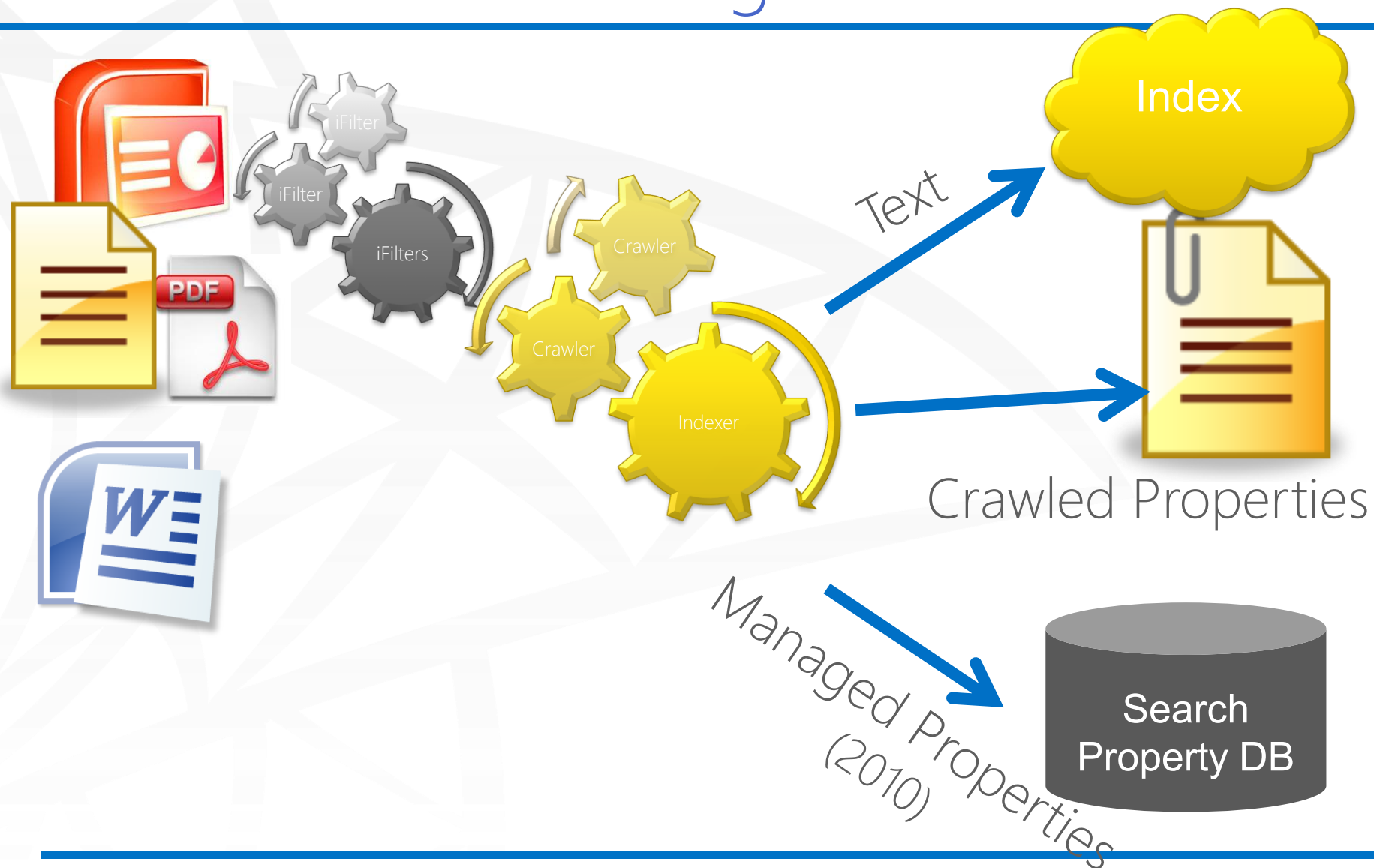
The Process



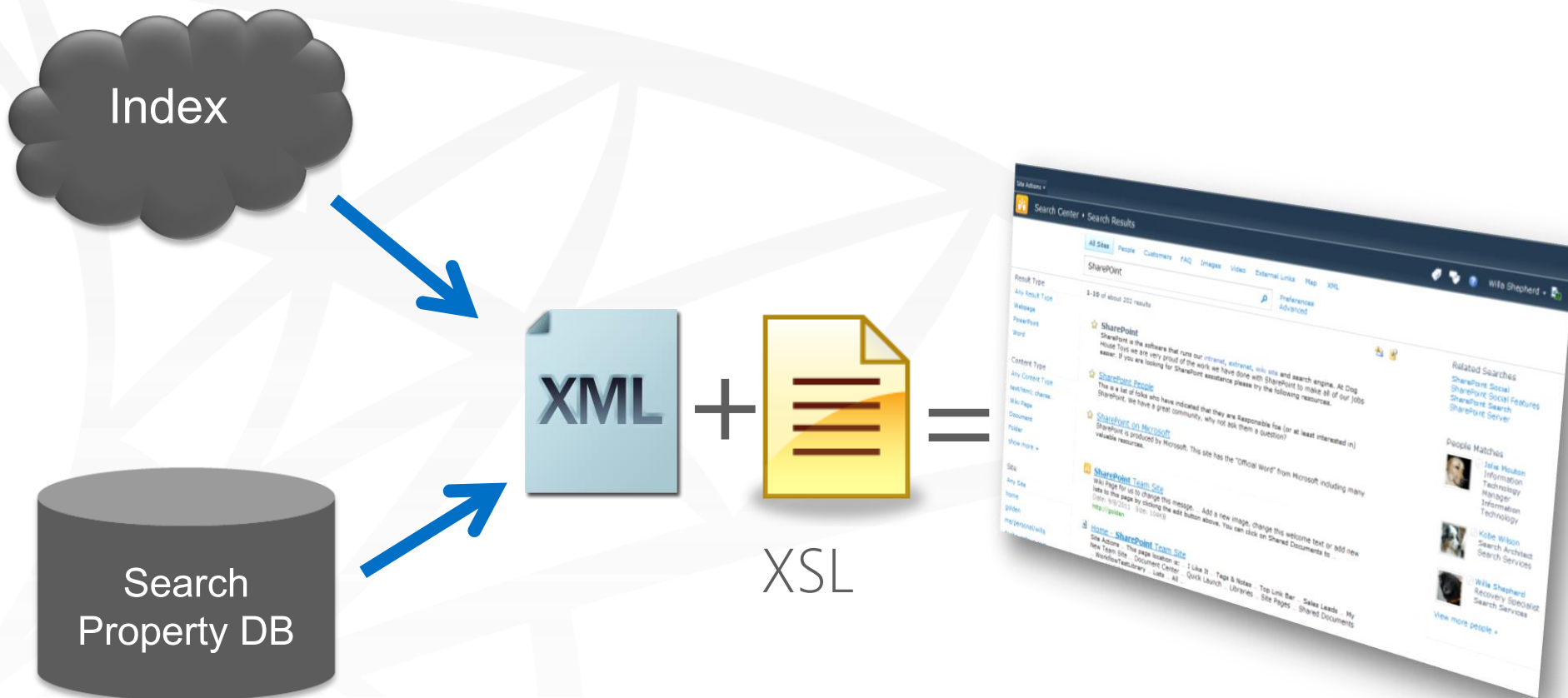
Metadata Matters

- Metadata is invisible, how do we find it?
- How do we make metadata usable?
- How to we make search useful to the business?

How does metadata get to the index?

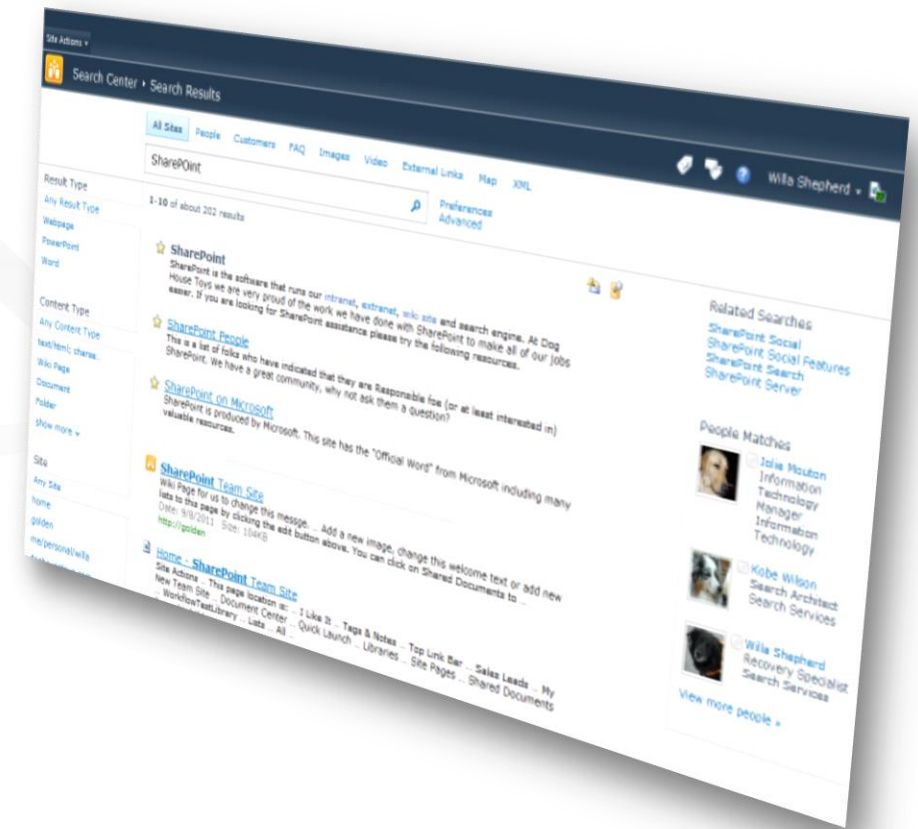


How does metadata get to the results page?



Search Center Customization

- Core Search Results and Columns
- Refinement Panel
- Tabs
- Accessory Web Parts





Search Results

demo

Understanding how the Search center works and how to tame it is the first challenge

Magic XSL

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:output method="xml" version="1.0"
    encoding="UTF-8" indent="yes"/>
    <xsl:template match="/">
      <xmp> <xsl:copy-of select="*" /> </xmp>
    </xsl:template>
  </xsl:stylesheet>
```

Actionable BCS Results

- Email Addresses
- Phone Numbers
- Presence Icon
- Icons
- Refiners



BCS Search Results

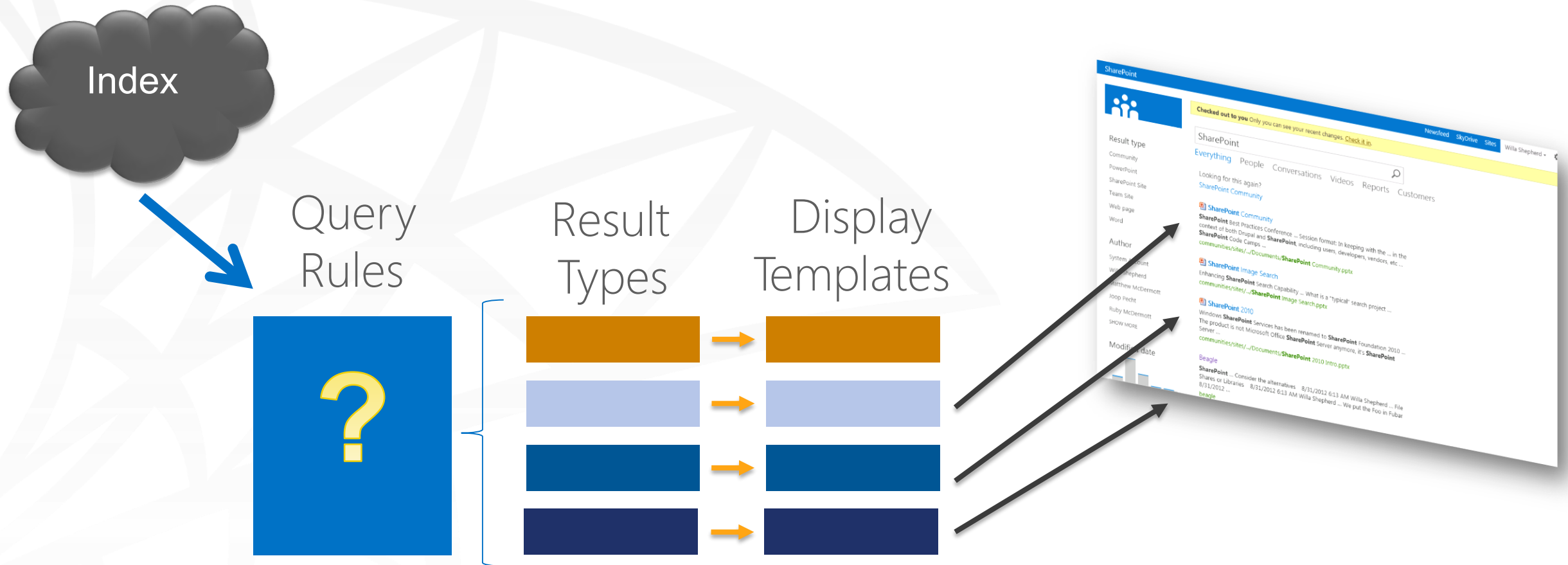
demo

SharePoint can crawl the BCS, but it won't make it pretty

Presence Icon

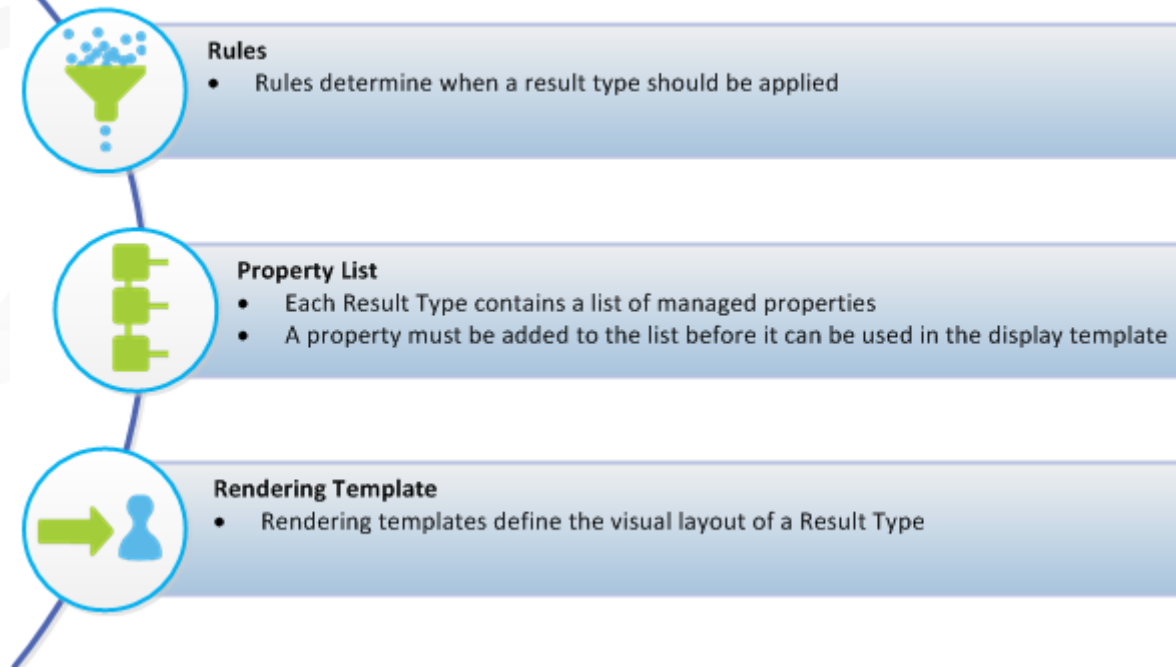
```
<xsl:variable name="email" >
  <xsl:value-of select="@Email" />
</xsl:variable>
<xsl:variable name="prefix">IMNRC(' </xsl:variable>
<xsl:variable name="suffix">')</xsl:variable>
<span id="JBean" style="margin-right:5px;">
  
</span>
```

2013 Results?



Result Types

- SharePoint 2013 includes a new framework for presenting search results to end users called result types
- Result types have several elements that enable each type to be rendered differently:

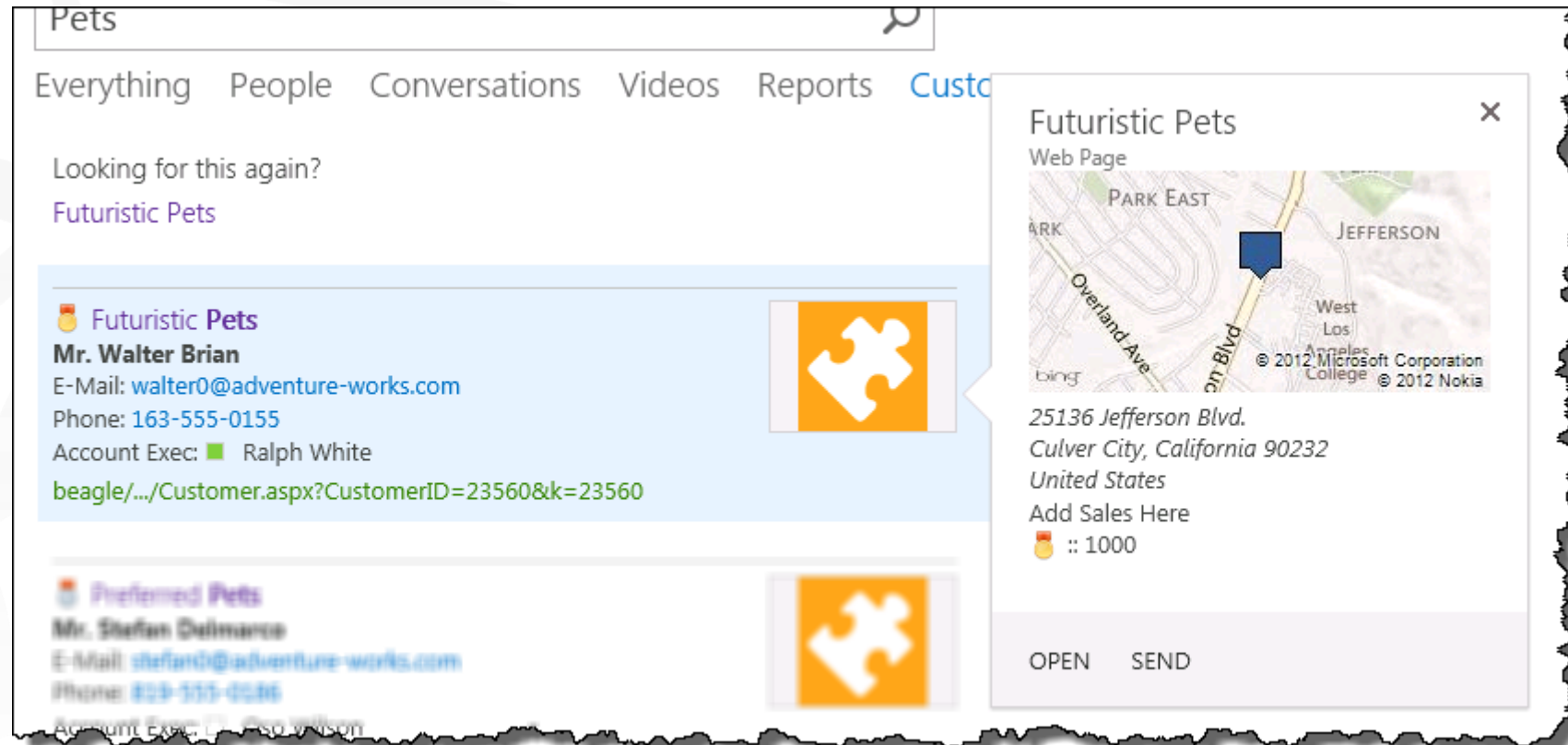


Display Templates

- Display templates contain the following characteristics:
 - They define the **visual layout** of a Result Type
 - A template is really just **HTML**
 - You can edit it with **ANY HTML** designer you want
 - You add placeholders to your HTML file where managed properties should be emitted
 - A set of display templates is included OOB
 - /Master Pages/Display Templates/Search folder
 - Site collection admins can upload new display templates.
-

Result Type with Display Template Example

- Customer Display Template





2013 Search Results

demo

Look Ma, no XSL!

Better Best Bets

- Query Rules
 - Run on one or all Result Sources
 - Rules can be filter by User Segment
 - Rules are very flexible (Keywords, RegEx, etc.)
 - Results
 - Promoted Results (like 2010 Best Bets)
 - Result Blocks (think of it as running another query)
 - Change result ranking by changing the query
 - Query Rules can be GLOBAL!
-



2013 Style Best Bets

demo

Better than Best Bets with Query Rules

A few final thoughts...

- Challenge: Can users get what they need from the Search Results?
 - Use Refiners...
 - ...just say "No!" to the Advanced Search Page!
 - If you cant do XSL upgrade to 2013 and use Notepad++
 - Consider promoting your best content
-

Links and Resources

- My Blog
 - <http://www.ableblue.com/blog>
- Basic Search Center Editing
 - <http://bit.ly/pCHMaW>
- XML Test Results Page
 - <http://bit.ly/pylb0X>



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