



THE HUMBLE & MIGHTY

SHAREPOINT URL QUERY STRING

?author=Patrick%20Doran

OR,

DAD ALWAYS SAID

USE THE RIGHT WEB PART

FOR THE RIGHT JOB



FIG 1.

WHEN YOU PICK THE
WRONG TOOL IN
SHAREPOINT



YOUR PRESENTER: PATRICK DORAN

- 15 Years as a Front-end Developer & UX Designer
- 6 Years in **SharePoint**, 2007, 2010 & 2013 & Online
- At work, builds public facing SharePoint sites



YOUR PRESENTER: PATRICK DORAN

Where I'm at:

- Twitter: [@SwearPointJS](#)
- LinkedIn: [linkedin.com/in/patrickdoran](#)
- And: [patrickdoran.com](#)

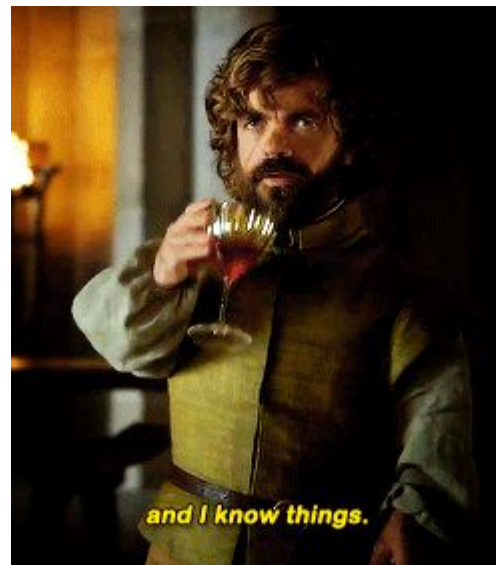
This presentation:

And: [github.com/patd](#)



HOW MUCH DO YOU SHAREPOINT?

- ★ What a list/library is and what metadata columns are
- ★ Web parts: Putting them on a page
- ★ Calculated column?
- ★ A little HTML?



WHY ARE YOU HERE?

Because not everything is a

`React-WebPack-SharePoint-Framework-Hybrid-Azure-Framework.js`

Full Trust Solution

Continuous-Integration AWS Powered
solution for THE CLOUD™



WHY ARE YOU HERE?

Sometimes all you have is
talent/time for web parts.

This is OK.



WHERE WE ENDED UP

Search...



› Division : 00 SAFETY (1)

› Division : 01 GENERAL REQUIREMENTS
(7)

› Division : 02 EARTHWORK (15)

› Division : 03 PIPE (8)

◀ Division : 04 MAJOR STRUCTURES (19)

SECTION 400 TEMPORARY
STRUCTURES

SECTION 402 REMOVAL OF EXISTING
STRUCTURES

SECTION 410 FOUNDATION
EXCAVATION

SECTION 411 DRILLED PIERS

SECTION 414 BOX CULVERT
EXCAVATION

04 MAJOR STRUCTURES

SECTION 402 REMOVAL OF EXISTING STRUCTURES

Contents

402-1 DESCRIPTION

402-2 REMOVAL OF EXISTING STRUCTURE

(A) GENERAL

(B) REQUIREMENTS FOR MATERIALS FOR WHICH REMAIN PROPERTY OF THE
DEPARTMENT

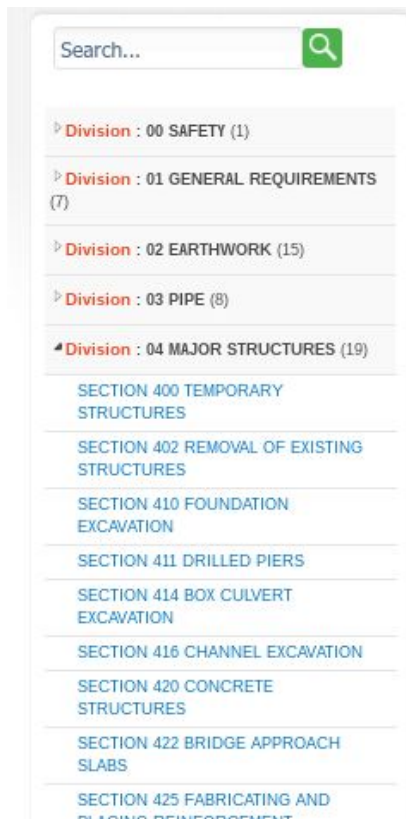
(C) REQUIREMENTS OF PARTIAL REMOVAL

ADDITIONAL RESOURCES

SECTION 402 - 2012 STANDARD SPECIFICATIONS
2012 STANDARD ROADWAY DRAWINGS

WHERE WE ENDED UP

- ★ All out of the box web parts
- ★ Content approval on list items



04 MAJOR STRUCTURES

SECTION 402 REMOVAL OF EXISTING STRUCTURES

Contents

402-1 DESCRIPTION

402-2 REMOVAL OF EXISTING STRUCTURE

(A) GENERAL

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(C) REQUIREMENTS OF PARTIAL REMOVAL

ADDITIONAL RESOURCES

SECTION 402 - 2012 STANDARD SPECIFICATIONS 2012 STANDARD ROADWAY DRAWINGS

402-1 DESCRIPTION

It should be noted that the item "Removal of Existing Structure" consists of removal of the existing structure and any other specifically identified, existing structural components in the plans or special provisions. Removal of the existing approaches is covered under other bid items.

Top of page

WHAT IS .ASPX? QUERY STRING

★ Hangs on to the end of the URL, after the file name:

/Query-Strings-Are-Awesome.aspx?you=areToo

★ Usually `?key=value`

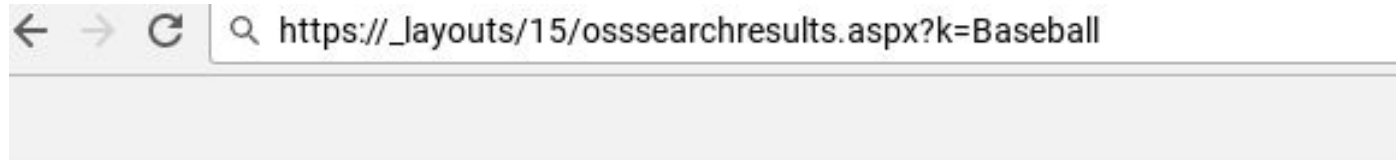
MORE THAN ONE WAY TO FILTER WITH QUERY STRINGS

★ Question mark is always first one ?=

★ Ampersand are the rest (can be multiple) &=

page.aspx?**game=thrones****&winter=coming****&knowsnothing=jonsnow**

WHAT IS .ASPX? QUERY STRING & k=SEARCHTOO



Results found in Query Strings ▼

Preference for results in English ▼

Baseball

Edit Year League Team Name TeamCode Division Rank Games Home
Games Wins Losses Park Attendance Summary ...

patrickdoran.sharepoint.com/query-strings/.../Baseball/Baseball.aspx

2: Query String Demo: Multiple Filters on a Single List

Filter Web Parts (Year and Team Name), and is connected to the **Baseball** List View

WHAT CAN A SHAREPOINT QUERY STRING DO FOR ME?

- ★ Share a link to a filtered view
- ★ Bookmark search results
- ★ Filter 50 web parts on a single page!



WHAT CAN A SHAREPOINT QUERY STRING DO FOR ME?

- ★ Show your users just what they want by leveraging SharePoint **metadata** and **Search**.
- ★ Create a knowledge base with a single list and 1 page (we'll do this today)
- ★ Maybe Make a dashboard with just web parts (if we have time)

BUT WHAT ABOUT JAVASCRIPT?

```
function getQueryVariable(variable)
{
    var query = window.location.search.substring(1);
    var vars = query.split("&");
    for (var i=0;i<vars.length;i++) {
        var pair = vars[i].split("=");
        if(pair[0] == variable){return pair[1];}
    }
    return(false);
}
```


QUERY STRING URL WORSHIP

- ★ Web parts can be loyal to the Query String
- ★ When the query string changes its teachings, so do its followers

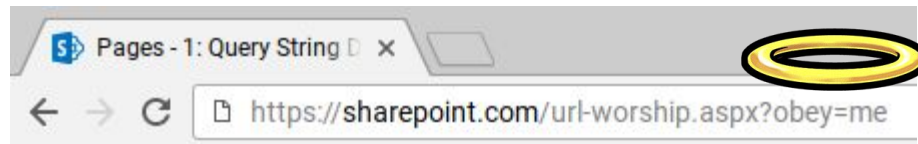


Fig 1. Web Parts be like

1. **Built in**
[Search, List/Library]



4 QUERY STRING
THINGS WE'LL TALK
ABOUT

1. **Built in**
[Search, List/Library]
2. **Query String [URL] Web Part**
[For web parts on a page]



4 QUERY STRING
THINGS WE'LL TALK
ABOUT

1. **Built in**
[Search, List/Library]
2. **Query String [URL] Web Part**
[For web parts on a page]
3. **Content Query Web Part**
[For not-tables of content]



4 QUERY STRING
THINGS WE'LL TALK
ABOUT

1. **Built in**
[Search, List/Library]
2. **Query String [URL] Web Part**
[For web parts on a page]
3. **Content Query Web Part**
[For not-tables of content]
4. **Mixed all together**
[Some of each]



4 QUERY STRING
THINGS WE'LL TALK
ABOUT

BUT MAYBE NOT

CONTENT SEARCH WEB PARTS

#SORRY



FYI:

THERE'S QUERY STRINGS WITH
DATA VIEW WEB PARTS IN
SHAREPOINT DESIGNER, TOO.



1. HAND-TYPED BUILT-IN FILTERING



2 KINDS

1) Search

2) List/Library View

Change the **k=** value

<http://www.cityoflondon.gov.uk/search/results.aspx?k=Parks>

<http://www.cityoflondon.gov.uk/search/results.aspx?k=Recreation>

BUILT IN:
SEARCH

BUILT IN SHAREPOINT SEARCH QUERY STRINGS IN ACTION!

k= Search term

`results.aspx?k=Parks`

k= Multiple Terms

`results.aspx?k=Parks%20Recreation`

u= Restrict by domain

`results.aspx?k=Parks&u=https://cityoflondon.gov.uk`



A regular old list:

<https://connect.ncdot.gov/Lists/CDR>

Example: Filtered by Division col

[https://connect.ncdot.gov/Lists/CDR?
FilterField1=Division&FilterValue1=0
6](https://connect.ncdot.gov/Lists/CDR?FilterField1=Division&FilterValue1=06)

BUILT IN:
LIST/LIBRARY

WHAT'S THIS ?FILTERFIELD1=DIVISION&FILTERVALUE1=06

2 things to do here:

★ Specify the **field** to filter on

?**FILTERFIELD1**=DIVISION

★ Specify the **value** to filter on

&**FILTERVALUE1**=06

Filter 2 (or more) things

<https://connect.ncdot.gov/Lists/CDR?FilterField1=Division&FilterValue1=06&FilterField2=County&FilterValue2=Columbus>

Filter all (list view) web parts on a page!

<https://patrickdoran.sharepoint.com/query-strings/Pages/Query-Strings-One-Filter-Many-Web-Parts.aspx?FilterField1=Name1&FilterValue1=Boston%20Red%20Sox>

Sort on a field!

<https://patrickdoran.sharepoint.com/query-strings/Lists/Baseball/Baseball.aspx?SortField=yearID&SortDir=Asc>

BUILT IN SHAREPOINT QUERY STRINGS IN ACTION!

Demo ☺

BUILT IN: **PROS**

- ★ Fast to set up.
- ★ Bookmarkable.
- ★ No web parts needed
- ★ Works w/anonymous permissions
- ★ List/Library: Up to 10!



BUILT IN: CONS



- ★ Must know internal field name of column (Though this is good, too)
- ★ URL is weird to read
- ★ Only one sort field
- ★ Not permanent, unless you bookmark it or add it as a link

INTERNAL FIELD NAMES

Columns

A column stores information about each item in the list. The following columns are currently available in this list:

Column (click to edit)	Type	Required
Year	Choice	✓
Team Name	Choice	✓
Park	Choice	✓

com/query-strings/_layouts/15/FldEdit.aspx?List=%7B184BC8B7-4FF6-4554-A019-B12802F6CD40%7D&Field=yearID

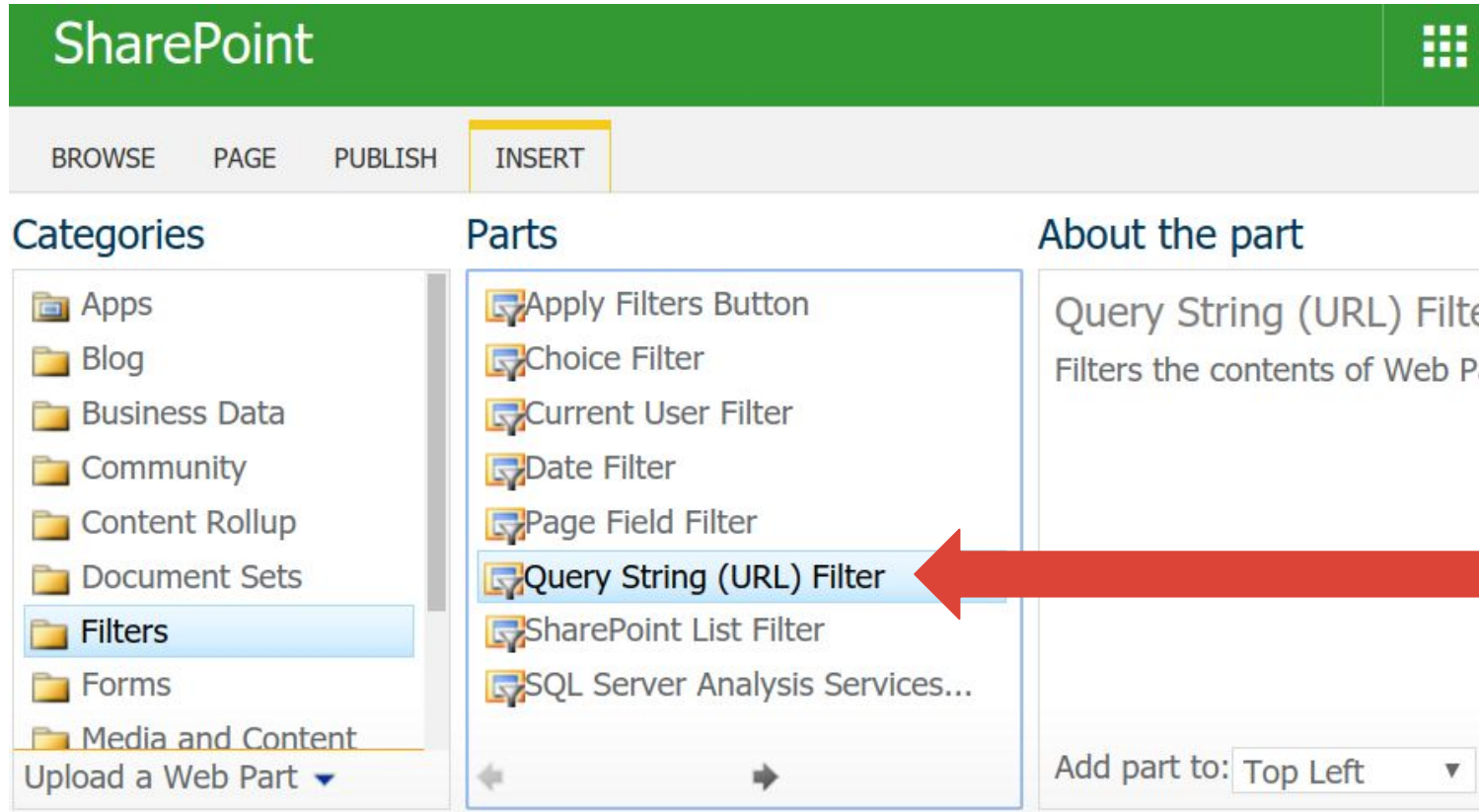
- ★ First name the field has when you create a column.
- ★ SharePoint controls this. Tricky to change after it's made.
- ★ Hover over the column name in list settings to find it

2. QUERY STRING (URL)

WEB PART



USE THIS WEB PART: QUERY STRING (URL) FILTER



The image shows the SharePoint interface with the 'INSERT' tab selected on the ribbon. The 'Parts' pane is open, displaying a list of web parts. A red arrow points to the 'Query String (URL) Filter' web part, which is highlighted in blue. The 'Categories' pane on the left shows the 'Filters' category selected. The 'About the part' pane on the right provides details about the selected web part.

SharePoint

BROWSE PAGE PUBLISH **INSERT**

Categories

- Apps
- Blog
- Business Data
- Community
- Content Rollup
- Document Sets
- Filters**
- Forms
- Media and Content
- Upload a Web Part

Parts




- Apply Filters Button
- Choice Filter
- Current User Filter
- Date Filter
- Page Field Filter
- Query String (URL) Filter**
- SharePoint List Filter
- SQL Server Analysis Services...

About the part

Query String (URL) Filter
Filters the contents of Web Pa

Add part to: Top Left

ENABLE IT IF IT'S NOT THERE

	Provides centralized libraries, content types, master pages and page layouts and enables page scheduling and other publishing functionality for a site collection.	Deactivate	Active
	SharePoint Server Standard Site Collection features Features such as user profiles and search, included in the SharePoint Server Standard License.	Deactivate	Active
	SharePoint Server Standard Site Collection features	Deactivate	Active

If you don't see the web parts, activate
Standard Site Collection Features

WHAT'S IT LOOK LIKE?

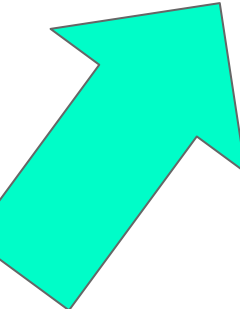
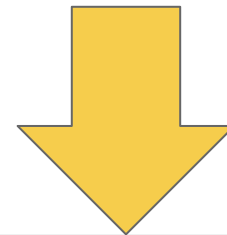
→ ↺ <https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo.aspx>

BROWSE PAGE PUBLISH

+ new item

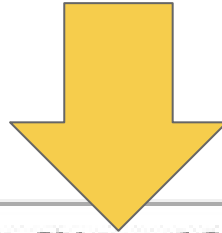
Year	Team Name	TeamCode	Park	Attendance
2015	Arizona Diamondbacks	ARI	Chase Field	2,080,145
2015	Atlanta Braves	ATL	Turner Field	2,001,392
2015	Baltimore Orioles	BAL	Oriole Park at Camden Yards	2,281,202
2015	Boston Red Sox	BOS	Fenway Park II	2,880,694
2015	Chicago Cubs	CHN	Wrigley Field	2,959,812
2015	Chicago White Sox	CHA	U.S. Cellular Field	1,755,810
2015	Cincinnati Reds	CIN	Great American Ball Park	2,419,506

WHAT'S IT LOOK LIKE?

A large cyan arrow pointing upwards, highlighting the 'Year' column header in the table.

→ ↻ https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo.aspx?Year=1979				
BROWSE PAGE PUBLISH				
+ new item				
Year ▼	Team Name	TeamCode	Park	Attendance
1979	Atlanta Braves	ATL	Atlanta-Fulton County Stadium	769,465
1979	Baltimore Orioles	BAL	Memorial Stadium	1,681,009
1979	Boston Red Sox	BOS	Fenway Park II	2,353,114
1979	California Angels	CAL	Anaheim Stadium	2,523,575
1979	Chicago Cubs	CHN	Wrigley Field	1,648,587
1979	Chicago White Sox	CHA	Comiskey Park	1,280,702
1979	Cincinnati Reds	CIN	Riverfront Stadium	2,356,933

MORE CONTROL



ry-strings/Pages/Query-String-Demo.aspx?Year=1979

- ★ Pick Your query string key, like

?Year=

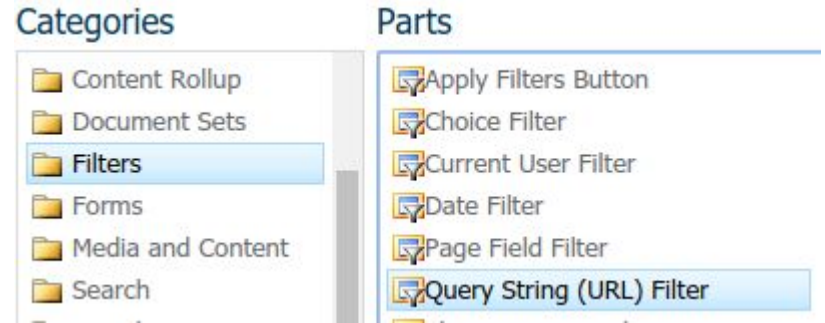
?Cheese=

	Attendance
on County Stadium	769,465
adium	1,681,009
h. II	2,252,114

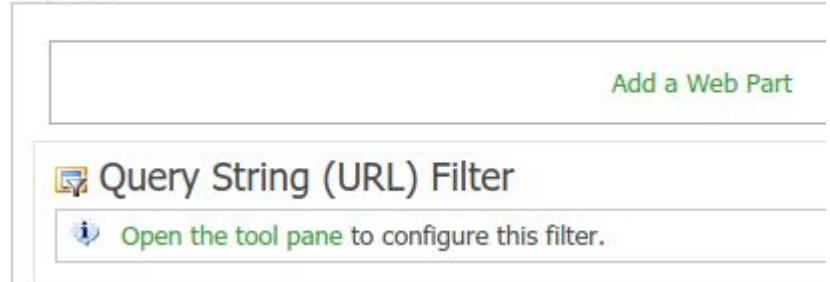
DEMO 1

MAKING THE CONNECTION

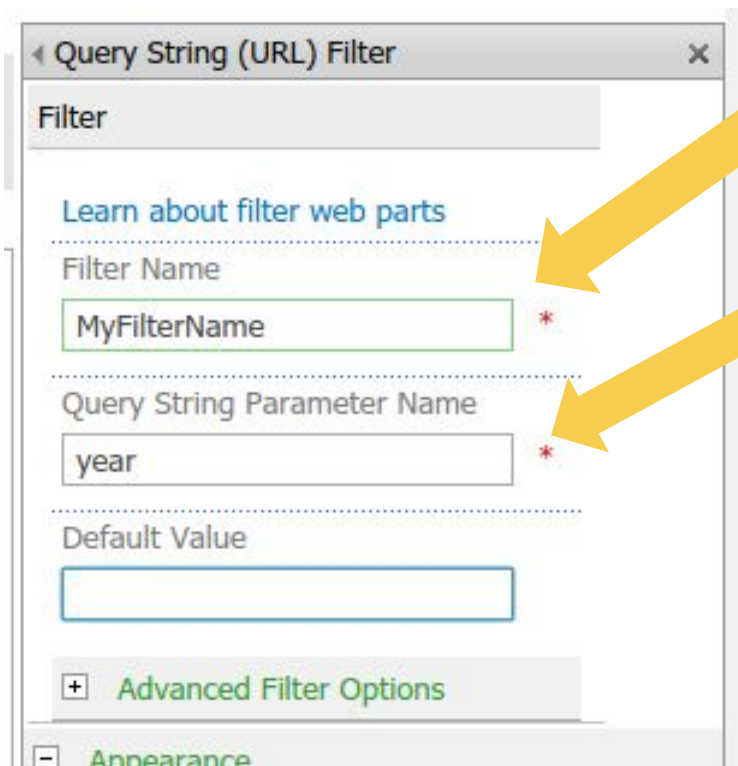
01. Add Query String (URL) Filter web part.
02. Click 'Open the tool pane' to configure



Top Left



MAKING THE CONNECTION



Query String (URL) Filter

Filter

[Learn about filter web parts](#)

Filter Name

MyFilterName *

Query String Parameter Name

year *

Default Value

+ Advanced Filter Options

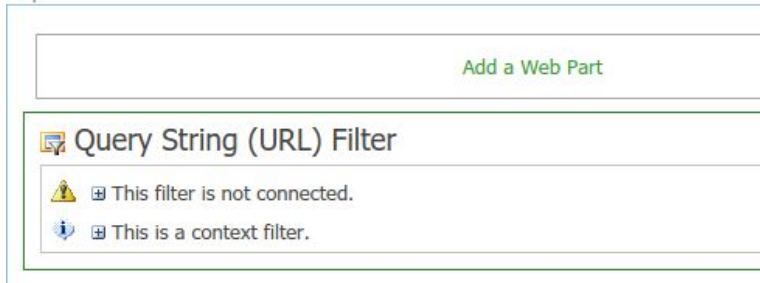
- Appearance

Configure

Filter Name = Just to help you remember.

Query String Parameter Name = What's in the URL, like: **page.aspx?year=2013**

Top Left



Add a Web Part

Query String (URL) Filter

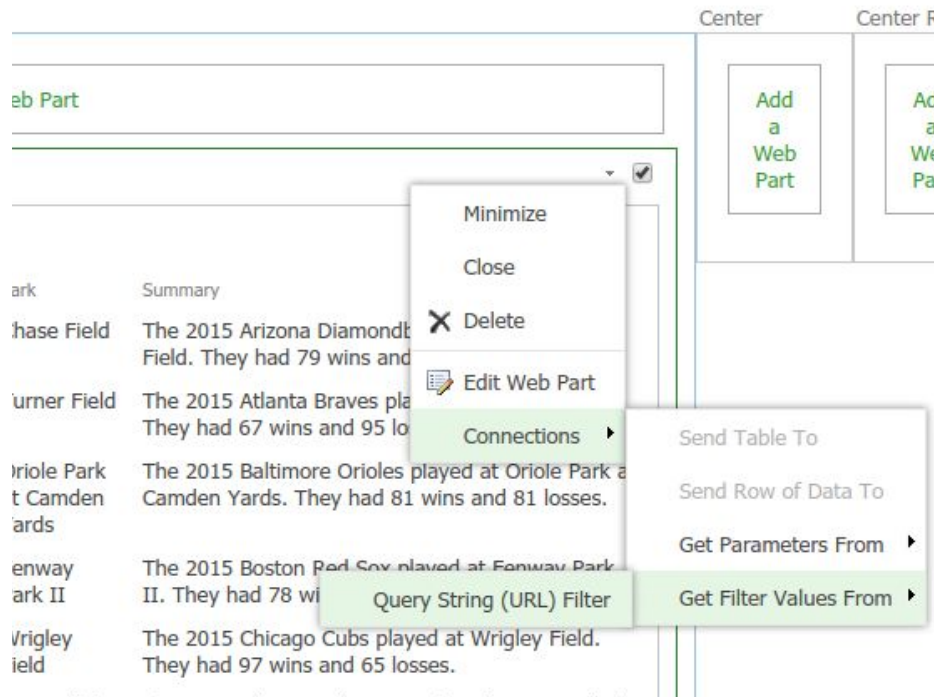
⚠ This filter is not connected.

🔒 This is a context filter.

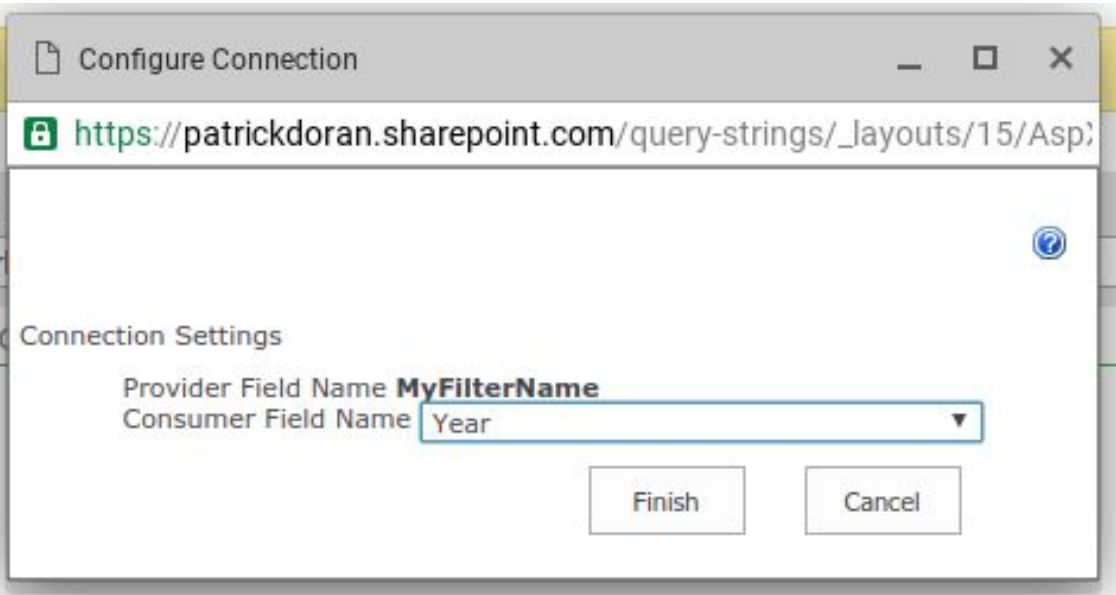
MAKING THE CONNECTION

03. In List View Web Part, edit, pick **Connections** and then **Get Filter Values From** and finally **Query String (URL) Filter**

You're telling this web part to obey the Query string web part



MAKING THE CONNECTION



Specify Column

What list column should your Query String URL filter on? In this case, **Year**.

Pro Tip: Your browser's popup blocker will block this popup window.

MAKING THE CONNECTION

04. Confirm and Test.
Query String URL Filter
web part will list any
other web parts it's
connected to.

Now try your **?year=** query
string!

Top Left



DEMO 1 REVIEW

01. SharePoint **List*** with useful column (Year)
02. Added List View Web Part
03. Added **Query String [URL] Filter** Web Part
04. Connected them!
05. Changed URL = updated list view on this page

* Libraries work too!

DEMO 2: MULTIPLE VALUES

DEMO 2: MULTIPLE VALUES REVIEW

01. List View Web Part
02. Added Query String Web Part, connected to **Year** Column
03. Added **2nd** Query String Web Part, connected to **Team Name** Column
04. Changed URL query string values for both Year and Team Name = updated list view on this page

DEMO3: ONE FILTER, MANY WEBPARTS

The beginning of a Dashboard...

DEMO3 : ONE FILTER, MANY WEBPARTS: REVIEW

01. Added **5** List View Web Parts - (all from the same list, but can be many)
02. Single Query String (URL) Filter Web Part Connected to **all** the web parts on the page
03. Changed URL Query string = all web parts respond

QUERY STRING (URL) WEB PART: **PROS**

- ★ Name your own query key. `?this=awesome`
- ★ Use Multiple filters to filter multiple web parts.
- ★ Sorting configured in views
- ★ Can be mixed w/Content Query Web Parts



QUERY STRING (URL) WEB PART: CONS



- ★ One+ extra web part on a page per query string.
- ★ Soooo much configuring
- ★ Can't use SharePoint **ID** column to filter
- ★ List view Web Parts look like list view web parts

3. CONTENT QUERY

WEB PART'S QUERY
STRING FILTER



CQWP: WHY NOT USE LIST VIEW WEB PARTS?

- ★ List View Web Parts look like List View Web Parts.
 - ★ Weigh a lot of KB
 - ★ Depending on your site's styling, Content Query Web Part might look better.
- * Content Search web parts work this way too, but harder to configure.

CONTENT QUERY CONFIGURE

In CQWP, under Additional Filters, use this:

[PageQueryString:*x*]

(Where *x* is your query string key, like *Year*)

Additional Filters: ?

Show items when:

Year ▼

is equal to ▼

[PageQueryString:Year]

☒ And ☐ Or

League ▼

is equal to ▼

[PageQueryString:League]

☐ And ☒ Or

<no filter> ▼

is equal to ▼

.....

+ Presentation

+ Appearance

+ Layout

+ Advanced

OK Cancel Apply

DEMO 4: CONTENT QUERY WEB PARTS

DEMO 4: CONTENT QUERY WEB PARTS REVIEW

01. Added a Content Query Web Part to page and configured it to reference our list
02. No extra web parts. Query string functionality configured in CQWP itself.
03. URL query string works the same as our other examples.

CONTENT QUERY WEB PART QUERY STRING: **PROS**

- ★ Name your own query key. **?this=awesome**
- ★ Combine Multiple filters to multiple web parts.
- ★ Can be mixed with List View query-string filtered web parts, and share query strings
- ★ No extra web parts needed!



CONTENT QUERY WEB PART QUERY STRING: CONS



- ★ Syntax is a little weird
- ★ CQWPs have only a few formatting options w/out CSS+XSLT
- ★ Can't re-sort without editing web part

4. ALL TOGETHER NOW



ALL **TOGETHER** NOW

- ★ Add List View Web Parts
- ★ Add Query String (URL) Filter Web Parts
- ★ Add Content Query Web Parts
- ★ Use the same **?key=value** URL filtering!

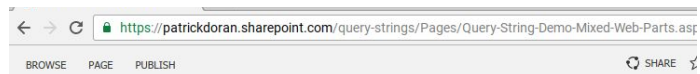


DEMO 5: QUERY STRING **ALL** THE THINGS

DEMO 5: QUERY STRING **ALL** THE THINGS REVIEW

01. 1 List and 1 library, same Metadata columns
(*Year* and *Team Name*)
02. Add 2 CQWPs and 2 LVWPs
03. Add Query String Web Part each for *Year* and *Team Name*.
04. Configure!

SPRUCE IT UP A BIT



https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo-Mixed-Web-Parts.aspx?
Year=1952&TeamName=Boston%20Red%20Sox
https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo-Mixed-Web-Parts.aspx?
Year=1952&TeamName=New%20York%20Yankees

List View Web Part

+ new item

Year ▼	Team Name ▼	TeamCode	Park
1952	New York Yankees	NYA	Yankee Stadium I

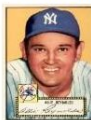
Content Query Web Part

New York Yankees

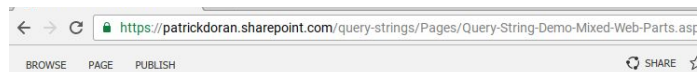
1952

The 1952 New York Yankees played 154 games at Yankee Stadium I. The season attendance was 1629665. They had 95 wins and 59 losses. They played 77 home games. They were ranked at 1 overall. They had 5294 chances at bat, making 1411 hits and scoring 727 runs.

CQWP from



SPRUCE IT UP A BIT + NAVIGATION



https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo-Mixed-Web-Parts.aspx?Year=1952&TeamName=Boston%20Red%20Sox
https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo-Mixed-Web-Parts.aspx?Year=1952&TeamName=New%20York%20Yankees

List View Web Part

+ new item

Year	Team Name	TeamCode	Park
1952	New York Yankees	NYA	Yankee Stadium I

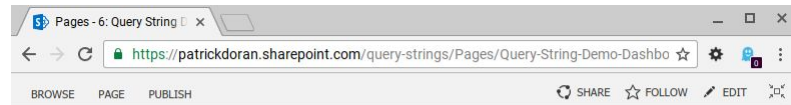
Content Query Web Part

New York Yankees

1952

The 1952 New York Yankees played 154 games at Yankee Stadium I. The season attendance was 1629665. They had 95 wins and 59 losses. They played 77 home games. They were ranked at 1 overall. They had 5294 chances at bat, making 1411 hits and scoring 727 runs.

CQWP from



Navigation

Team Nav

Year : 2015 (30)

League : AL (15)

Baltimore Orioles
Boston Red Sox
Chicago White Sox
Cleveland Indians
Detroit Tigers
Houston Astros
Kansas City Royals
Los Angeles Angels of Anaheim
Minnesota Twins
New York Yankees
Oakland Athletics

Baseball List: Content Query

Altoona Mountain City

Altoona Mountain City

The 1884 Altoona Mountain City played 25 games at . The season attendance was . They had 6 wins and 19 losses. They played home games. They were ranked at 10 overall. They had 899 chances at bat, making 223 hits and scoring 90 runs.

Anaheim Angels

Anaheim Angels

The 1997 Anaheim Angels played 162 games at Edison International Field. The season attendance was 1767330. They had 84 wins and 78 losses. They played 82 home games. They were ranked at 2 overall. They had 5628 chances at bat, making 1531 hits and scoring 829 runs.

Anaheim Angels


The 1998 Anaheim Angels played 162 games at Edison International Field. The season attendance was 2519280. They had 85 wins and 77 losses. They played 81 home games. They were ranked at 2 overall. They had 5630 chances at bat, making 1530 hits and scoring 787 runs.

Anaheim Angels

The 1999 Anaheim Angels played 162 games at Edison International Field. The season attendance was 2253123. They had 70 wins and 92 losses. They



SAME LIST
+ GROUP BY WEB PART
+ [CALCULATED COLUMN]
= AUTOMATIC NAVIGATION



Navigation

Team Nav

▷ Year : 2015 (30)

▷ Year : 2014 (30)

▷ Year : 2013 (30)

▷ Year : 2012 (30)

◀ Year : 2011 (30)

◀ League : AL (14)

Baltimore Orioles

Boston Red Sox

Chicago White Sox

Cleveland Indians

Detroit Tigers

Kansas City Royals

Los Angeles Angels of Anaheim

Minnesota Twins

New York Yankees

FIGURE OUT THINGS FIRST

1. What's your Query String URL setup?

(Map out columns for ?key=value, or ?key=value&key2=valueX)

2. What Column is the link name text in?

(Does the link say 'Arizona Diamondbacks' or '1999' ?)

MAKE YOUR **CALCULATED** COLUMN

★ **Concatenate!**

★ Data type must be **number** to render as HTML link

★ Can use most columns, but not ID

★ Be patient when clicking [Ok]

Name and Type

Type a name for this column.

Column name:

Team Nav

The type of information in this column is:

Calculated (calculation based on other columns)

Additional Column Settings

Specify detailed options for the type of information you selected.

Description:

Calculated Column, based on Query-String-Demo-Dashboard-Navigation.aspx query string page

Formula:

```
=CONCATENATE("<a  
href='Query-String-Demo-  
Dashboard-Navigation.aspx?  
TeamName=", [Team  
Name], "&Year=", Year, "'>",  
[Team Name], "</a>")
```

Insert Column:

Created
CS
Division
DivWin
DP
E
ER
ERA
FP
Franchise

Add to formula

The data type returned from this formula is:

- ☐ Single line of text
- ☒ Number (1, 1.0, 100)
- ☐ Currency (\$, %, %)

MAKE YOUR CALCULATED COLUMN

Example Syntax:

```
=CONCATENATE ("<a  
href='pageName.aspx?TeamName=", [Team  
Name], "&Year=", Year, "'>", [Team Name], "</a>")
```

MAKE YOUR CALCULATED COLUMN



- ★ Save your new calculated column
- ★ Add the column to the view
- ★ Self-updating clickable link!

SIT BACK, LET CONTRIBUTORS DO THEIR THING

Navigation

Team Nav

▷ Year : 2015 (30)

▷ Year : 2014 (30)

▷ Year : 2013 (30)

▷ Year : 2012 (30)

Baseball List: Conte

Altoona Mountain City

[Altoona Mountain City](#)

The 1884 Altoona Mountain
They had 899 chances at b

Anaheim Angels

[Anaheim Angels](#)

The 1997 Anaheim Angels p
They were ranked at 2 over

[Anaheim Angels](#)

BROWSE

EDIT



Save



Cancel



Paste



Cut



Copy



Spelling



Spelling

Commit

Clipboard

Year *

☒ 2016 ▼

☐ Specify your own value:

Team Name *

Toledo Blue Stockings ▼

Park *

Astrodome

Attendance

4205

League

NL

SIT BACK, LET CONTRIBUTORS DO THEIR THING

 new item




Baseball

All Items

Dashboard Summary

...

Find an item

Edit	Year	League	Team Name	TeamCode	Division	Rank	Games	
	2016	NL	Toledo Blue Stockings	ALT		1	33	
	2015	NL	Arizona Diamondbacks	ARI	W	3	162	
	2015	NL	Atlanta Braves	ATL	E	4	162	

Navigation

Team Nav

Year : 2016 (1)

League : NL (1)

Toledo Blue Stockings

Year : 2015 (30)

Baseball List: Content Quer

Altoona Mountain City

Altoona Mountain City

The 1884 Altoona Mountain City played were ranked at 10 overall. They had 89

Anaheim Angels

Anaheim Angels

The 1997 Anaheim Angels played 162

SIT BACK, LET CONTRIBUTORS DO THEIR THING

Navigation

Team Nav

▲ Year : 2016 (1)

▲ League : NL (1)

Toledo Blue Stockings

▶ Year : 2015 (30)

Baseball List: Content Quer

Altoona Mountain City

Altoona Mountain City

The 1884 Altoona Mountain City players were ranked at 10 overall. They had 85

Anaheim Angels

Anaheim Angels

The 1997 Anaheim Angels played 162

Navigation

Team Nav

▲ Year : 2016 (1)

▲ League : NL (1)

Toledo Blue Stockings

Baseball List: Content Query

Toledo Blue Stockings

Toledo Blue Stockings

The 2016 Toledo Blue Stockings played 33 games at Astro games. They were ranked at 1 overall. They had chances

Baseball Card List View Web Part

RECAP

1. **Built in**
[Search, List/Library]
2. **Query String [URL] Web Part**
[For web parts on a page]
3. **Content Query Web Part**
[For not-tables of content]
4. **Mixed all together**
[Some of each]

Query String-based
techniques we covered

BONUS:
JAVASCRIPT QUERY
STRING URL!

Web parts for some stuff,
JavaScript to add some
styling/context



YOU KNOW JS AND YOU LIKE CHROME DEV TOOLS?

What are my Query Strings?

```
console.log(window.location.search)
```

```
> console.log(window.location.search)  
?TeamName=Boston%20Red%20Sox&Year=2015
```

ASSUMES YOU JS AND YOU LIKE CHROME DEV TOOLS

What are the values of my Query Strings?

```
function getQueryVariable(variable) {  
  var query = window.location.search.substring(1);  
  var vars = query.split("&");  
  for (var i=0;i<vars.length;i++) {  
    var pair = vars[i].split("=");  
    if (pair[0] == variable) {  
      return pair[1];  
    }  
  }  
  alert('Query Variable ' + variable + ' not found');  
}
```

```
> function getQueryVariable(variable) {  
  var query = window.location.search.substring(1);  
  var vars = query.split("&");  
  for (var i=0;i<vars.length;i++) {  
    var pair = vars[i].split("=");  
    if(pair[0] == variable){return pair[1];}  
  }  
  return(false);  
}  
< undefined  
> getQueryVariable("Year")  
< "2015"
```

<https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo-Java-script.aspx>

<https://patrickdoran.sharepoint.com/query-strings/Pages/Query-String-Demo-Java-script.aspx?FilterField1=Name1&FilterValue1=Boston%20Red%20Sox>


```
// Function at gets the value of a query string key-value pair.
```

```
// expects the key to be passed to it.
```

```
var getQueryVariable = function(variable) {  
    var query = window.location.search.substring(1);  
    var vars = query.split("&");  
    for (var i=0;i<vars.length;i++) {  
        var pair = vars[i].split("=");  
        if(pair[0] == variable){return pair[1];}  
    }  
    return(false);
```