Third-Party Search Tools

Splainer

Splainer is an open-source, third-party tool from OpenSource Connections. It has been integrated with the Kibo Composable Commerce Platform in order to provide insight into search relevancy and results.

1. To access, click the **Splainer.io** button. A unique URL is generated with parameters from the search configuration.



Clicking the button will open Splainer with those parameters in a new browser tab. Since this
is generated from a configuration, no search term is populated. To enter and see the results
of a specific term, click **Tweak** in the top right of the screen.

Splainer By OpenSource Connections	Take a Tour Tweak >
352 Total Results	
1 Detailed	<pre>p~49715~2~en-US~~default~~I productCategoryNames: Patagonia productCode: Drybag_004 productMetaTagKeywords: productMfgPartNumber: productName: Great Divider III Fly Fishing Bag - 28L productSootlge: great-divider-iii-fly-fishing-bag-28I productShortDescription: The Patagonia Great Divider III semirigid fishing bag carries everything an angler needs. Waterproof construction, removable high-density foam and dividers protect and organize items. productUPC: sliceType: parent,child</pre>
1 Detailed	p~49715~3~en-US~~default~~I productCategoryNames: Back Packs,Backpacking Packs productCode: BackP_024 productMetaTagKeywords: productMfgPartNumber: productMame: Katahdin 50 Pack productSeoSlug: katahdin-50-pack productSeoSlug: katahdin-50-pack productShortDescription: The JanSport Katahdin 50 pack for weekend trips has adjustable torso, vented back panel, great organization and plenty of straps, so you can wrangle your load while keeping the gear accessible. productUPC: sliceType: parent,child

3. Enter the desired search term after query= and then click **Rerun Query**.

Search Controls
Search Engine 📀
Search URL 😑
http://t29937-s49715.sandbox.mozu
Displayed Fields 😑
*
Search Args 🗢
query= &searchSettings=Test2 &debug.explain.structured=true &fieldSpec=*
Rerun Query

4. The results on the left will refresh based on the search term. Click **Details** to see an explanation of what makes the relevancy score.

Splainer By OpenSource Connections		😗 Take a Tour	Tweak
14 Total Results			
32.809296 productName_lenient:pant Detailed	p~49715~182~en-US~~default~~l childProductCodes: hikepants_005-1,hikepants_005-2,hikepants_005-4,hikepants_005-5 productCategoryNames: Clothes & Shoes productCode: HikePants_005 productMetaTagKeywords: productMfgPartNumber: ,,,, productMame: Sutra Pants - Men's productSeo Slug: sutra-pants-men-s productShortDescription: Perfect for yoga practice and bouldering, the pants offer a smooth range of motion and exceptional breathability for co and activities. productUPC: ,,,, sliceType: parent,child	3,hikepants_005- 9 lightweight prAna 9 mfort in a variety o	Sutra If poses

5. Within the Detailed modal, click **Full Explain** to see what exactly causes an item to have a particular relevancy score.

Explain	for:	o~49715~182~en-US~~default~~	~/
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32.809296 Di	smax (take winne	r of below)	-		
11.825038 p	roductName_lenie	nt:pant nient:pant			
5.3210883 p	roductShortDescr	iption_lenient	:pant		

Find Others

6. This list can be expanded to see as many or as few details as needed.

Search For Other Docs To Compare (use Simple Lucene Query syntax)

Explain for: p~49715~182~en-US~~default~~l

Summarized	Hot Matches	Full Explain					
{							
match:	true,						
value:	32.809296,						
descrip	otion: "max of:	",					
- details	s: [
- {							
	match: true,						
	value: 11.8250	338,					
	description: '	'weight(produ	tSeoSlug_lenie	ent:pant in 78	81) [Schem	aSimilarity],	result of:",
-	details: [
	- {						
	match:	true,					
	value:	11.825038,					
	descri	ption: "score	(freq=1.0), co	mputed as boo	st * idf *	tf from:",	
	🔶 + detail	s: []					
	}						
]						
},							
+ {.	},						
+ {.	}						
]							
}							
						_	
S	earch For Other Do	cs To Compare (u	se Simple Lucene (Query syntax)		Find Others	
More	information	about usin	g Splainer c	an be found	d by click	king Take a	Tour at the
					.,	5	
top of	the Splaine	r UI.					

Quepid

Quepid is an open-source, third-party application from OpenSource Connections. It has been integrated with KCCP in order to help merchandisers and search relevancy engineers view search results without changing settings and checking results on a live retail site. Quepid provides

visibility into how changes affect the site globally, while Splainer provides deeper details about individual relevancy scores.

You must create a free account with Quepid in order to use it.

- 1. Visit the Quepid application.
- 2. Copy the URL generated when clicking the Splainer.io button.

Search Controls
Search Engine 📀
Search URL 👄
http:///29937-s49715 sandbox mozu
htp://200010101110.04htpbs/http2
Displayed Fields 😑
*

3. On the initial screen, choose SOLR, insert the copied URL, and click **Continue**.

Solr or Elasticsearch?



Paste the URL to the endpoint of your search engine for Quepid to search (you can also just experiment with the demo servers):





Continue

Title Field	
	What field should we treat as the 'title' when displaying results?
ID Field	Begin typing to show suggestions
	What field is the unique identifier for your search results?
Additional	Add a field
Display Fields	Would any extra fields be handy to display?

5. Add one or more search terms, then click **Continue**.



6. Click **Finish** to close the modal and view the results.

That's	s It!					
Go to "Tune Re	elevance" to ite	erate on your rele	vance and man	ipulate searches	i	
					Finish	
WELCOME	NAME	ENGINE	FIELDS	QUERY	FINISH	
By default, th	ne results w	ill contain all	products in:	stead of thos	e specific to yo	our search t

 By default, the results will contain all products instead of those specific to your search terms. To adjust the accuracy of the results by restricting them to your search terms, click **Tune Relevance** and then change q=#\$query## to query=#\$query##.



Query	Tuning Knobs	Settings	History	Annotations	
Query	Sandbox:				8
query= &tie=1 &searc	⊧#\$query## .∪ :hSettings=test]			

8. Then, you can further expand a query by clicking the down arrow on the results page.

0.00 Cu AP@10 te	urrent case ₽St — Try 1 — AP@	D10
Select scorer Create snapshot	: 네 Compare snapshots 🛓 Im Add query	port ♣ Share case
0.00 pant		352 Results

9. For each result, click the drop-down option to the left and select a relevance score. In this example for the search term *pants*, the deck bag has been scored as Irrelevant, while the cargo crop pants have been scored as Relevant.

0 🕶	Deluxe Deck Bag	Matches ()
	productCode: Drybag_006	*.*
	productShortDescription: With multiple tie-down points, bungees and side straps for added storage, the Seattle Sports Deluxe Deck Bag provides plenty of storage and easy access to your gear while you paddle.	
	Rank: #7	
1 •	Get Going Cargo Crop Pants - Women's	Matches 🚯
	productCode: HikePants_009	•••
	productShortDescription: Adding a functional twist to a longtime lucy favorite, these compressible, travel-ready lucy Get Going Cargo Crop pants have zippered cargo pockets to keep all your essentials secure.	
	Rank: #8	
	0 1 Irrelevant RESET	Matches 1
Τ	productShortDescription:	
	Rank: #9	

10. As each item is scored, the overall score for the query is automatically adjusted. This provides the ability to see if various search configuration changes improve search results or

not.

More information about using Quepid may be found on the Quepid Knowledge Base.