

Shared SOLR Solution

This documentation provides instructions for setting up and configuring Apache Solr search functionality from [Global](#) website to subsites (e.g. [Amplify](#)). It covers the necessary configuration files, setup procedures, and instructions for implementing search indexes in Drupal views.

1. [Set up and configure a multisite search](#)
2. [Creating search views](#)
3. [Creating search pages](#)

Set up and configure a multisite search

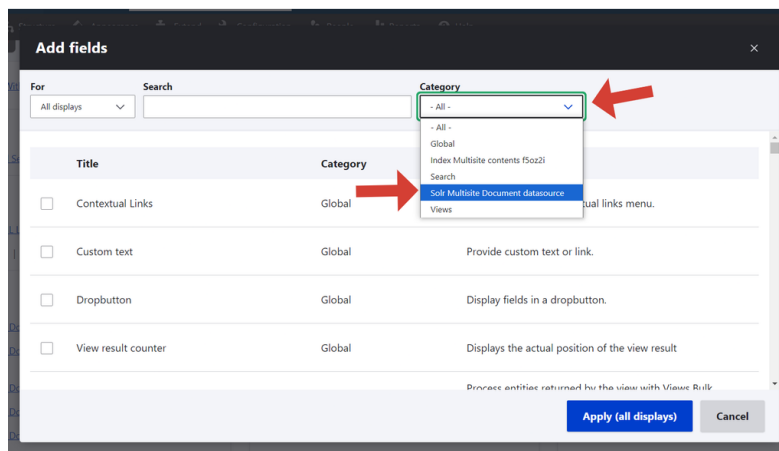
The following Drupa org documentation greatly explains how the multisite search can be configured in the website.

[🔗 Set up and configure a Multisite search](#)

Creating search views

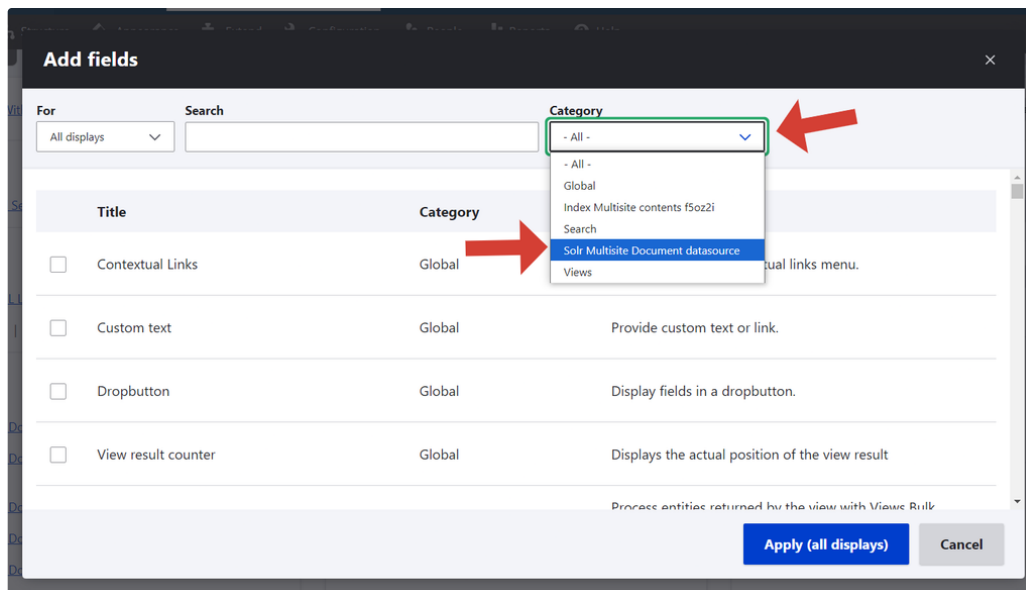
Creating a search view that uses the Solr index follows the standard Drupal view creation process.

During the initial setup in the "View Settings" section, locate the "Show" field and select the name of your multisite search index from the dropdown menu. This selection is crucial as it establishes the connection between your view and the Solr search index. In the example below, the index name is "Index Multisite contents f5oz2l".



Selecting the multisite search index

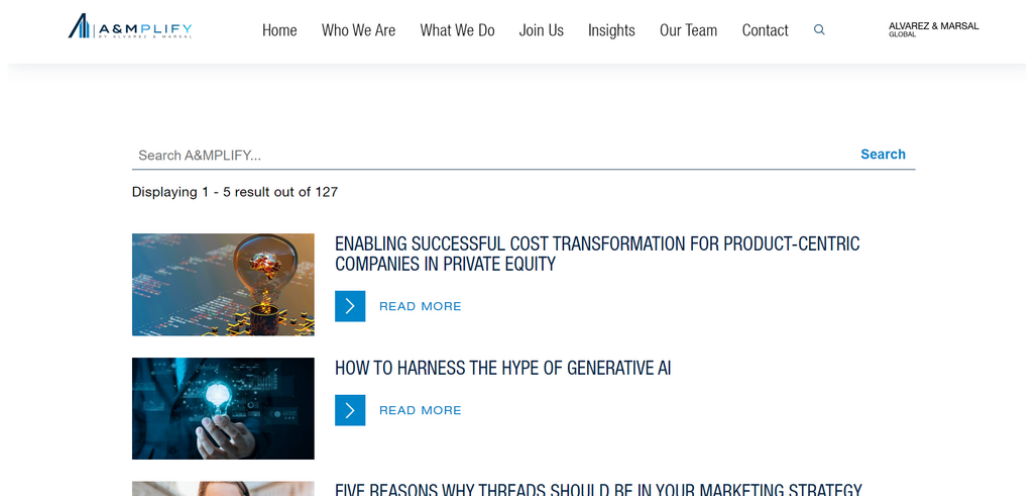
When proceeding with the view configuration, particularly while selecting fields and filter criteria, it's essential to use only the options from the 'Solr Multisite Document datasource' category. This requirement applies to both the fields you want to display and any filter criteria you wish to implement. Using fields from other categories may compromise the search functionality or cause it to fail entirely.



Selecting the right category to get fields from

Creating search pages

To create a view that functions as a search page, you can use the [Search Results from Main Site](#) view in the Amplify subsite as a reference model.



"Search Results from Main Site" Amplify view

The view should contain two distinct displays:

- One for handling URLs without search terms
- One for handling URLs with search terms

Both displays should share identical configurations for field settings, filter criteria, formatting options, display options, etc.

Home > Administration > Structure > Views > Search results from main site > Edit

Search Results from Main Site (Index Multisite contents f5oz2i) ☆

Displays

With search termWithout search term+ Add

Edit view name/description

Display name: Without search termView Without search term

Title

Title: General Search

Format

Format: HTML List | Settings

Show: Fields | Settings

Fields

Add

Solr Multisite Document datasource: URI (indexed field)

Page settings

Path: /search

Menu: No menu

Administration theme: No

Access: Unrestricted

Header

Add

Global: Unfiltered text (Global: Unfiltered text)

Index Multisite contents f5oz2i: Facets

Advanced

Relationships

Add

Contextual filters

Add

Search: Fulltext search

Exposed form

Exposed form in block: No

Exposed form style: Basic | Settings

Home > Administration > Structure > Views

Search Results from Main Site (Index Multisite contents f5oz2i) ☆

Displays

With search termWithout search term+ Add

Edit view name/description

Display name: With search termDuplicate With search term

Title

Title: General Search

Format

Format: HTML List | Settings

Show: Fields | Settings

Fields

Add

Solr Multisite Document datasource: URI (indexed field)

Page settings

Path: /search/%

Menu: No menu

Administration theme: No

Access: Unrestricted

Header

Add

Global: Unfiltered text (Global: Unfiltered text)

Index Multisite contents f5oz2i: Facets

Advanced

Relationships

Add

Contextual filters

Add

Search: Fulltext search

Exposed form

Exposed form in block: No

Exposed form style: Basic | Settings

This approach ensures that the search page renders properly regardless of whether a search term is present. It prevents the common issue where search pages only render when a search term is present, providing a better user experience.