



LAGOS Y VOLCANES

DrupalCamp Nicaragua 2017

Search API: Optimizando tus búsquedas

Edys Meza Palacio

Patrocinadores



¡Únete a la comunidad!

<http://www.drupalnicaragua.org>

<https://groups.drupal.org/nicaragua>

<http://slack-drupalni.herokuapp.com>

<https://www.facebook.com/drupalni>

<https://twitter.com/drupalni>

<http://www.linuxtour.org/eventos/categorias/drupal>



Drupal
nicaragua



LAGOS Y VOLCANES
DrupalCamp Nicaragua 2017

Favor proveer retroalimentación

- Se hace de forma anónima.
- Me ayuda a mejorar para la próxima vez que presente.

<http://bit.ly/drupalcampni2017-charlas>



Quién soy?



EDYS MEZA

DRUPAL DEVELOPER

@EDYSMP

D.O: [HTTPS://WWW.DRUPAL.ORG/U/EDYSMP](https://www.drupal.org/u/edysmp)

MTECH, LLC



AGENDA

- Busquedas en drupal
- Search-API
- Search Api Solr
- Facets
- Demo



Drupal built-in Search module



Search API - Drupalcamp Lagosyvolcanes

Search



Tools

[Add content](#)

Valmont

Submitted by [admin](#) on Wed, 11/15/2017 - 12:43

Vacaciones en Roma

Submitted by [admin](#) on Wed, 11/15/2017 - 12:43

Uno de los nuestros

Submitted by [admin](#) on Wed, 11/15/2017 - 12:43



LAGOS Y VOLCANES
DrupalCamp Nicaragua 2017

Search Pages

▼ SEARCH PAGES

Search page type:

- Choose page type - ▼

Add search page

LABEL	URL	TYPE	STATUS	INDEXING PROGRESS	OPERATIONS
⊕ Content	search/node	Content	Default	0 of 860 indexed	Edit
⊕ Users	search/user	Users	Enabled	Does not use index	Edit ▼



Search API

Este módulo proporciona un marco para crear fácilmente búsquedas en cualquier entidad conocida por Drupal, utilizando cualquier tipo de motor de búsqueda.

Download & Extend

[Drupal Core](#) [Distributions](#) [Modules](#) [Themes](#)

Search API

[View](#) [Version control](#) [View history](#) [Automated testing](#)

Posted by [drunken monkey](#) on 5 May 2010, updated 25 September 2017

This module provides a framework for easily creating searches on any entity known to Drupal, using any kind of search engine. For site administrators, it is a great alternative to other search solutions, since it already incorporates facetting support and the ability to use the [Views module](#) for displaying search results, filters, etc. Also, with the [Apache Solr integration](#), a high-performance search engine is available for this module.

Developers, on the other hand, will be impressed by the large flexibility and numerous ways of extension the module provides. Hence, the growing number of [additional contrib modules](#), providing additional functionality or helping users customize some aspects of the search process.

The prime example of a site using this module is [drupal.org](#) itself – the Search API, along with the [database backend](#) and [Views](#), is used to generate the issue queue listings.

Good views search

Entity type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score
Content type	Search engine	Backend	Views	Facets	Score

★ Star 65

Maintainers f

[drunken monkey](#) -
last: 1 week ago, fir

[Nick_vh](#) - 149 con
last: 9 months ago,

[View all committe](#)
[View commits](#)

Issues for Se

To avoid duplicate
submitting a new



Server

Una forma concreta de indexar y buscar datos. Podría, por ejemplo, representar una determinada base de datos, una conexión a un servidor de búsqueda externo, etc.

Server name *
 Machine name: default_server
Enter the displayed name for the server.

☒ **Enabled**
Only enabled servers can index items or execute searches.

Description

Default database server created by the Database Search Defaults module

Enter a description for the server.

Backend *

Database

Indexes items in the database. Supports several advanced features, but should not be used for large sites.
Choose a backend to use for this server.

▼ CONFIGURE DATABASE BACKEND

Database
default > default

Minimum word length

The minimum number of characters a word must consist of to be indexed

☐ **Search on parts of a word**
Find keywords in parts of a word, too. (For example, find results with "database" when searching for "base"). **Caution:** This can make searches much slower on large sites!

[Save](#) [Delete](#)



Index

Un objeto de configuración que define un conjunto de datos para ser indexados.

Default content index ☆

[View](#)[Edit](#)[Fields](#)[Processors](#)

[Home](#) » [Administration](#) » [Configuration](#) » [Search and metadata](#) » [Search API](#)

Default content index created by the Database Search Defaults module

Index status

0/860 indexed

Status	enabled (disable)
Datasource	Content (0/860 indexed)
Tracker	Default
Server	Database Server
Server index status	There are 0 items indexed on the server for this index. (More information)
Cron batch size	During cron runs, 50 items will be indexed per batch.

▼ START INDEXING NOW

Index items in batches of items [Index now](#)



Fields

Configuración en un índice para cierta propiedad que debe ser indexada.

ViewEditFieldsProcessors

Home » Administration » Configuration » Search and metadata » Search API » Default content index

+ Add fields

The data type of a field determines how it can be used for searching and filtering. The boost is used to give additional weight to certain fields, for example titles or tags.
For information about the data types available for indexing, see the [data types table](#) at the bottom of the page.

▼ GENERAL

LABEL	MACHINE NAME	PROPERTY PATH	TYPE	BOOST	OPERATIONS
<input type="text" value="Rendered item"/>	<input type="text" value="rendered_item"/>	rendered_item	Fulltext ▼	1.0 ▼	Edit Remove

▼ CONTENT

LABEL	MACHINE NAME	PROPERTY PATH	TYPE	BOOST	OPERATIONS
<input type="text" value="Title"/>	<input type="text" value="title"/>	title	Fulltext ▼	8.0 ▼	Remove
<input type="text" value="Authored on"/>	<input type="text" value="created"/>	created	Date ▼		Remove
<input type="text" value="Changed"/>	<input type="text" value="changed"/>	changed	Date ▼		Remove
<input type="text" value="Publishing status"/>	<input type="text" value="status"/>	status	Boolean ▼		
<input type="text" value="Sticky at top of lists"/>	<input type="text" value="sticky"/>	sticky	Boolean ▼		Remove



Processors

Un objeto que se utiliza para preprocesar datos indexados, así como consultas de búsqueda y para post-procesar resultados de búsqueda.

ENABLED

☒ Content access

Adds content access checks for nodes and comments.

☒ Entity status

Exclude inactive users and unpublished entities (which have a "Published" state) from being indexed.

☐ Highlight

Adds a highlighted excerpt to results and highlights returned fields.

☒ HTML filter

Strips HTML tags from fulltext fields and decodes HTML entities. Use this processor when indexing HTML data – for example, node bodies for certain text formats. The processor also a boost (or ignore) the contents of specific elements.

☒ Ignore case

Makes searches case-insensitive on selected fields.

☐ Ignore characters

Configure types of characters which should be ignored for searches.

☐ Index hierarchy

Allows the indexing of values along with all their ancestors for hierarchical fields (like taxonomy term references)

☐ Stemmer

Stems search terms (for example, *talking* to *talk*). Currently, this only acts on English language content. It uses the Porter 2 stemmer algorithm ([More information](#)). For best results, use tokenizing.

☒ Stopwords

Allows you to define stopwords which will be ignored in searches. **Caution:** Only use after both 'Ignore case' and 'Tokenizer' have run.



Solr

Solr es la plataforma de búsqueda empresarial de código abierto, popular y extremadamente rápida, desarrollada en Apache Lucene.



Facets

El módulo Facet permite a los creadores de sitios crear y administrar fácilmente interfaces de búsqueda facetadas.

Author name

- ☐ Douglas Adams (5)
- ☐ Ernest Hemingway (4)
- ☐ George Bernard Shaw (4)
- ☐ George Orwell (4)
- ☐ J. R. R. Tolkien (4)
- ☐ Astrid Lindgren (3)
- ☐ Jane Eyre (3)
- ☐ P. G. Wodehouse (3)
- ☐ Patrick Rothfuss (3)
- ☐ Salman Rushdie (3)

[Show more](#)

Search books

Displaying 1 - 10 of 101

Title

Pride and Prejudice
The Long, Dark Tea-Time of t
The Salmon of Doubt
Nineteen Eighty-Four
The Wise Man's Fear
The Old Man and the Sea
For the Win
Animal Farm
The Inimitable Jeeves



Demo



Otras cositas.

- [Search API Autocomplete](#)
- [Search API attachments](#)

<https://www.drupal.org/docs/8/modules/search-api>



Preguntas, comentarios?



¡Gracias por su atención!.

