



LAGOS Y VOLCANES
DrupalCamp Nicaragua 2017

Search API: Optimizando tus búsquedas

Edys Meza Palacio

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Drupal
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Favor proveer retroalimentación

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

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



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Drupalcamp Nicaná 2017

Quién soy?



EDYS MEZA

DRUPAL DEVELOPER

@EDYSMP

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

MTECH, LLC



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DrupalCamp Hacienda 2017

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



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Drupalcamp Lagosyvolcanes 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	<button>Edit</button>
⊕ Users	search/user	Users	Enabled	Does not use index	<button>Edit</button> ▾



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 faceting 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.



Star 65

Maintainers for Search API

[drunken monkey](#) - last: 1 week ago, first
[Nick_vh](#) - 149 commits last: 9 months ago,
[View all committers](#) [View commits](#)

Issues for Search API

To avoid duplicate submissions, please submit a new issue.



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

3 ▾

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



Fields

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

View Edit Fields Processors

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
	Rendered item	rendered_item	rendered_item	Fulltext	1.0	Edit Remove

CONTENT	LABEL	MACHINE NAME	PROPERTY PATH	TYPE	BOOST	OPERATIONS
	Title	title	title	Fulltext	8.0	Remove
	Authored on	created	created	Date		Remove
	Changed	changed	changed	Date		Remove
	Publishing status	status	status	Boolean		Remove
	Sticky at top of lists	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 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.

Solr



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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 Joyce



Demo



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Otras cositas.

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

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

Preguntas, comentarios?



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¡Gracias por su atención!



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