# Building google like search

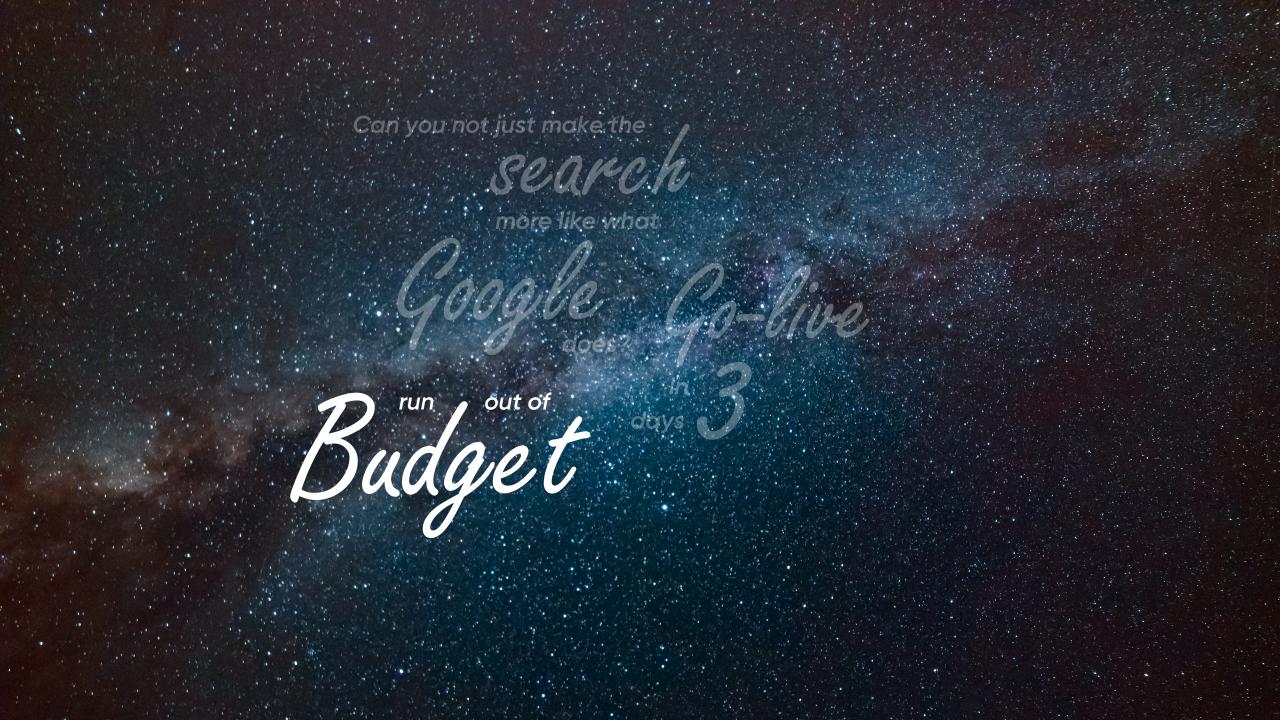
Without breaking the bank

Can you not just make the Search

more like what

Google does?









# Steven Van den Hout

- Head of Drupal at Calibrate
- Enthousiast and passionate
- Since 2009

https://www.linkedin.com/in/stevenvdhout

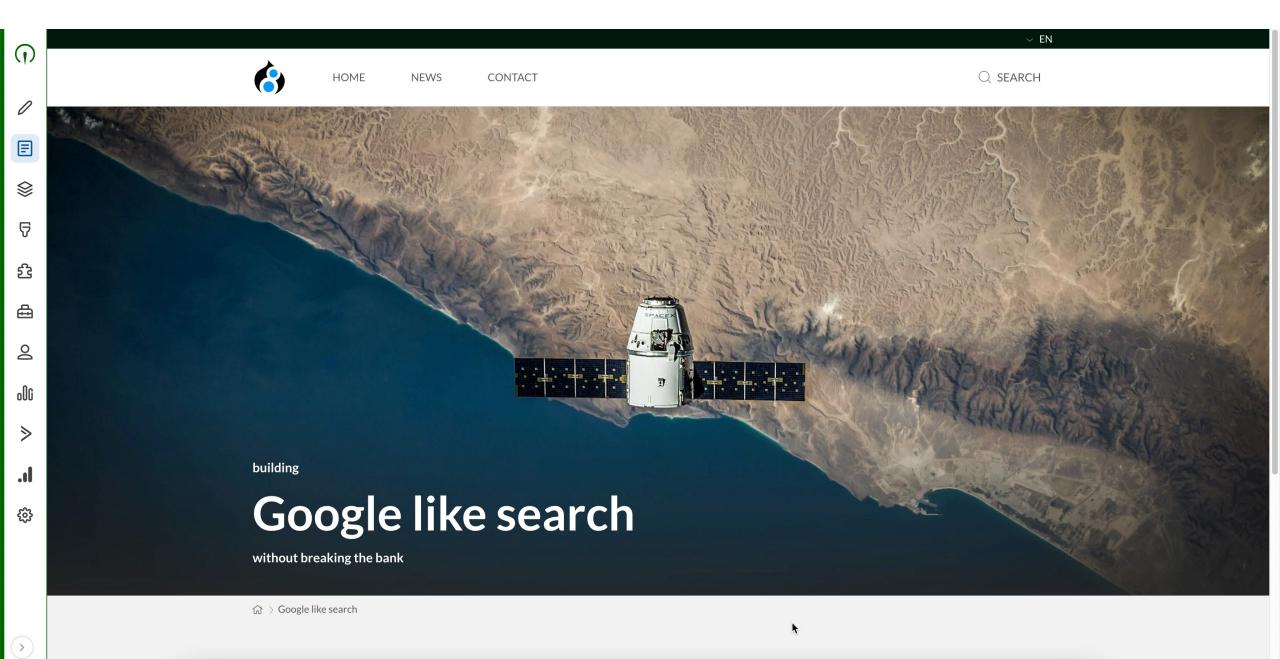
# Joris Vercammen

- Drupal at Calibrate
- Laravel at Codana

• Twitter.com/borisson







# Keyword frequency



1. Will de maine a ser anne a generation de la ser a s

# Google



### Images I News Maps Videos More More Images Ima Q All

Tools

# About 270.000.000 results (0,48 seconds)

# https://www.spacex.com

# SpaceX

SpaceX designs, manufactures and launches advanced rockets and spacecraft. The company was founded in 2002 to revolutionize space technology, ...

# Moon

SpaceX designs, manufactures and launches advanced rockets and spacecraft.

# Careers

SpaceX designs, manufactures and launches advanced rockets ...

# Launches SpaceX designs, manufactures and launches advanced rockets ...

Shop Mens - Accessories - Featured Products - Premium - Womens

# More results from spacex.com »

# Top stories

# Engadget

FAA extends environmental review of SpaceX Boca Chica launch site (again)

1 day ago

C Reuters

EXCLUSIVE SpaceX ending production of flagship crew capsule

41 mins ago



 $\rightarrow$ 

be fair' 1 day ago

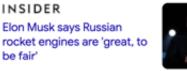
More news



2 days ago

S Space.com

INSIDER





### $\bigcirc$ spacex.com

Space Exploration Technologies Corp. is an American aerospace manufacturer, a provider of space transportation services, and a communications corporation headquartered in Hawthorne, California. Wikipedia

SPACEX

Disclaimer

Founder: Elon Musk Founded: March 14, 2002 CEO: Elon Musk (2002-) Headquarters: Hawthorne, California, United States Number of employees: >9,500 (February 2021) Subsidiary: Swarm Technologies Type of business: Privately held company

# Profiles



		More news	
People also a	isk ‡		
Who is the owner	of SpaceX?		~
What is the purpo	se of SpaceX?		~
Can I visit Space)	(?		~
Videos	1		
ORBITAL FLIGHT		20 and Booster 4 Retired, OneW	leb to Fly
CREATER CHANCOLOUR 21:43	SpaceX Starship YouTube · Marcus 2 days ago	House ip environmental approval delaye	
ORBITAL FLIGHT CHANC 21:43	SpaceX Starship YouTube · Marcus 2 days ago NSF Live: Starshi YouTube · NASAS 15 hours ago	House ip environmental approval delaye spaceflight From the Orbital Launch Mount	d, OneWeb



Claim this knowledge panel

SpaceX (@SpaceX) · Twitter



NASA has ordered six additional @space\_station resupply missions from

Deployment of 53 Starlink satellites confirmed

Falcon 9's first stage has landed on the Just Read the Instructions droneship

.

# https://en.wikipedia.org > wiki > SpaceX

# SpaceX - Wikipedia

SpaceX was founded in 2002 by Elon Musk with the goal of reducing space transportation costs to enable the colonization of Mars. SpaceX manufactures the Falcon ...

 Revenue: US\$2 billion (2018)
 Owner: Elon Musk Trust; (47.4% equity; 78....

 Key people: Elon Musk; (CEO and CTO, 2002...
 Products: Several launch vehicles; Several ...

History · Hardware · Facilities

https://www.instagram.com > spacex

# SpaceX (@spacex) · Instagram photos and videos

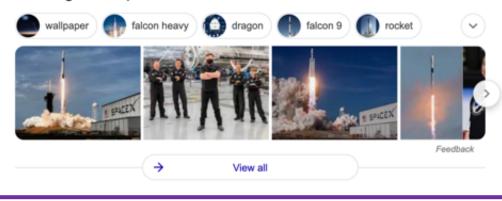
spacex. Verified. Follow. SpaceX. SpaceX designs, manufactures and launches the world's most advanced rockets and spacecraft. spacex.com.

https://www.youtube.com > channel

# SpaceX - YouTube

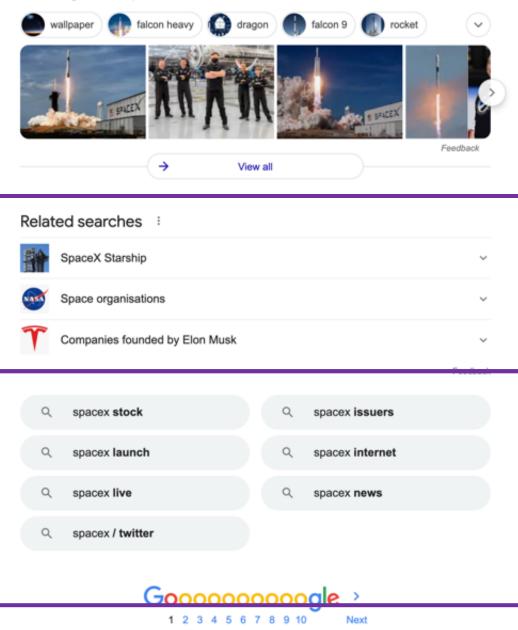
SpaceX designs, manufactures and launches the world's most advanced rockets and spacecraft.

# Images for SpaceX

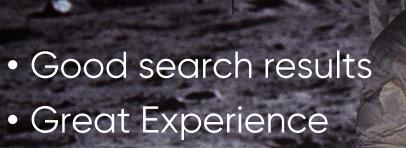


# Related searches





# How to?



# Good Search Results





NICEN

# Server name \*

# MySQL Search Service

Machine name: db

Enter the displayed name for the server.

# Enabled

Only enabled servers can index items or execute searches.

# 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

# **Partial matching**



O Match on parts of a word

Match words starting with given keywords

✓ Autocomplete settings

# DB Backend

- Easy for ops (hosting)
- Probably sufficient functionality
- A lot of stress on one machine (container)
- More work in PHP



# SOLR Backend

- More software to maintain
- Easier to scale
- AI/ML
- Geospatial based search

# The index

# Edit search index Umami Search Index 🟠 Edit Autocomplete View Fields Processors Sorts Home » Administration » Configuration » Search and metadata » Search API » Umami Search Index A This form will not be saved because the configuration active store is read-only. Index name \* Umami Search Index Machine name: umami\_search\_index Enter the displayed name for the index. Data sources \* Comment Provides Comment entities for indexing and searching. Content Provides Content entities for indexing and searching. Custom block Provides Custom block entities for indexing and searching. Custom menu link Provides Custom menu link entities for indexing and searching. 🗆 File Provides File entities for indexing and searching. Search task Provides Search task entities for indexing and searching. □ Shortcut link

Provides Shortcut link entities for indexing and searching.

0

Ξ

Ą

പ്പ

≞

# Edit search index Default content index

# Enter a description for the index.

# ∧ Index options



Do not write to this index or track the status of items in this index.



# Index items immediately

Immediately index new or updated items instead of waiting for the next cron run. This might have serious performance drawbacks and is generally not advised for larger sites.

# Track changes in referenced entities

Automatically queue items for re-indexing if one of the field values indexed from entities they reference is changed. (For instance, when indexing the name of a taxonomy term in a Content index, this would lead to re-indexing when the term's name changes.) Enabling this setting can lead to performance problems on large sites when saving some types of entities (an often-used taxonomy term in our example). However, when the setting is disabled, fields from referenced entities can go stale in the search index and other steps should be taken to prevent this.

# Cron batch size

# 50

Set how many items will be indexed at once when indexing items during a cron run. "0" means that no items will be indexed by cron for this index, "-1" means that cron should index all items at once.

Save 🗍 🗓 Delete

# Manage fields for search index Umami Search Index $\Im$ View Edit Fields Autocomplete Sorts Processors Home » Administration » Configuration » Search and metadata » Search API » Umami Search Index A This form will not be saved because the configuration active store is read-only. + 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 o 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 OPER. 1.0 🔻 Fulltext 🔻 Rendered HTML output rendered\_item rendered\_item Edit ▼ CONTENT MACHINE NAME TYPE LABEL PROPERTY PATH BOOST String Content type Ŧ type type field\_difficulty Difficulty field\_difficulty String Ŧ String Ingredients field ingredients Ŧ

field ingredients

▼ GENERAL					
LABEL	MACHINE NAME	PROPERTY PATH	ТҮРЕ	BOOST	OPERATIONS
Rendered HTML output	rendered_item	rendered_item	Fulltext 🔻	1.0 🔻	Edit Remove
▼ CONTENT					
LABEL	MACHINE NAME	PROPERTY PATH	ТҮРЕ	BOOST	OPERATIONS
Content type	type	type	String	•	Remove
Difficulty	field_difficulty	field_difficulty	String	¥	Remove

# 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 allows to 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 after tokenizing.

### Stopwords

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

### Tokenizer

Splits text into individual words for searching.

# Transliteration

Makes searches insensitive to accents and other non-ASCII characters.

### Type-specific boosting

Adds a boost to indexed items based on their datasource and/or bundle.

# More modules

USA

🔎 Search by keyword, ingradient, dish

Apply

# Victoria sponge cake



Tags <u>Cake</u> Difficulty Easy Cooking time 20 minutes

Victoria sponge cake Umami 20 minutes Easy 225g butter or margarine 225g caster sugar 225g self-raising flour 4 eggs 1 tsp baking powder 3 tbsp of jam for the filling lcing sugar to dust the top Cream to serve 10 20 minutes Desert Preheat the oven to 350° ...

# Home » Administration » Configuration » Search and metadata » Search API » Umami Search Index » Autocomplete

# A This form will not be saved because the configuration active store is read-only.

# 🛃 Enabled

SUGGESTER	PLUCING

# Enabled suggesters \*

Display live results

Display live results to visitors as they type. (Unless the server is configured to find partial matches, this will most likely only produce results once the visitor has finished typing.)

# 🗹 Retrieve from server

Make suggestions based on the data indexed on the server.

Choose the suggester plugins to use for creating autocomplete suggestions.

Retrieve from server

At most	\$ results

Show row weights

# ▼ CONFIGURE SUGGESTER RETRIEVE FROM SERVER

# Override used fields

processed

rendered\_item

Select the fields which should be searched for matches when looking for autocompletion suggestions. Leave blank to use the same fields as the underlying search.

Suggester plugins represent methods for creating autocomplete suggestions from user input.

# For which Views displays should Autocomplete be active?

All except those selected

One except those selected

## Displays

Master

🗌 Page

# Maximum number of suggestions \*

10 🗘

The maximum number of autocomplete suggestions to display in total.

# Minimum length of keywords for autocompletion



If the entered keywords are shorter than this, no autocomplete suggestions will be displayed.

# Display result count estimates

Display the estimated number of result for each suggestion. This option might not have an effect for some servers or types of suggestion.

# Sort

- Difficulty
- Number of servings
- Preparation time
- Relevance▼

### Show row weights ENABLED FIELD TYPE LABEL DEFAULT SORT DEFAULT ORDER Descending 🔻 $\odot$ Relevance decimal Relevance $\bigcirc$ Ascending 💌 Difficulty Difficulty string Ingredients Ingredients string C Ascending 💌 Number of servings Number of servings integer Ascending 💌 $\odot$ Preparation time Preparation time integer Recipe category integer Recipe category Tags Tags integer Content type Content type string

Save settings

~

 $\checkmark$ 

~

**~** 

# Туре

recipe

- <u>article</u>
- page

Difficulty

- <u>medium (5)</u>
- easy (4)

# Recipe category

Main course (4)

Accompaniment (1)

- Desert (1)
- Dessert (1)

Snack (1)

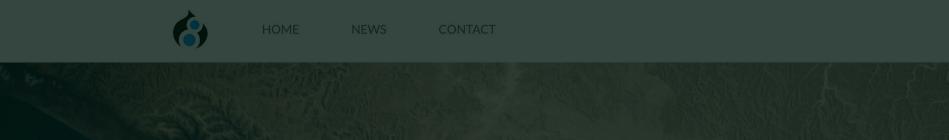
Starter (1)

+ Add facet	+ Add facet summary
T Had Hacet	T Add facer summary

ГҮРЕ	MACHINE NAME	TITLE	OPERATIONS
acet source	search_api:views_pagesea	rch_page_1	Configure
🗄 Facet	difficulty	Difficulty field_difficulty – links	Edit -
🗄 Facet	ingredients	Ingredients field_ingredients – links	Edit -
🗄 Facet	number_of_servings	Number of servings field_number_of_servings - range_slider	Edit -
₽ Facet	preparation_time	Preparation time field_preparation_time - range_slider	Edit -
🗄 Facet	recipe_category	Recipe category field_recipe_category - checkbox	Edit -
₽ Facet	tags	Tags field_tags - dropdown	Edit -
Facet	type	Type type – links	Edit -
Facets Summary	search_summary	Search Summary	Edit -

Save

# **Great Experience**



Search in Space		$\times$
Search		Q
Search suggestions		٦
Space X	Blue origin	
Virgin galactic	Vogon Constructor Fleet	

building

# Google like search

without breaking the bank

☆ > Google like search

 $(\mathbf{r})$ 

0

Ξ

♦

Ą

ട്ട

≞

0

oOC

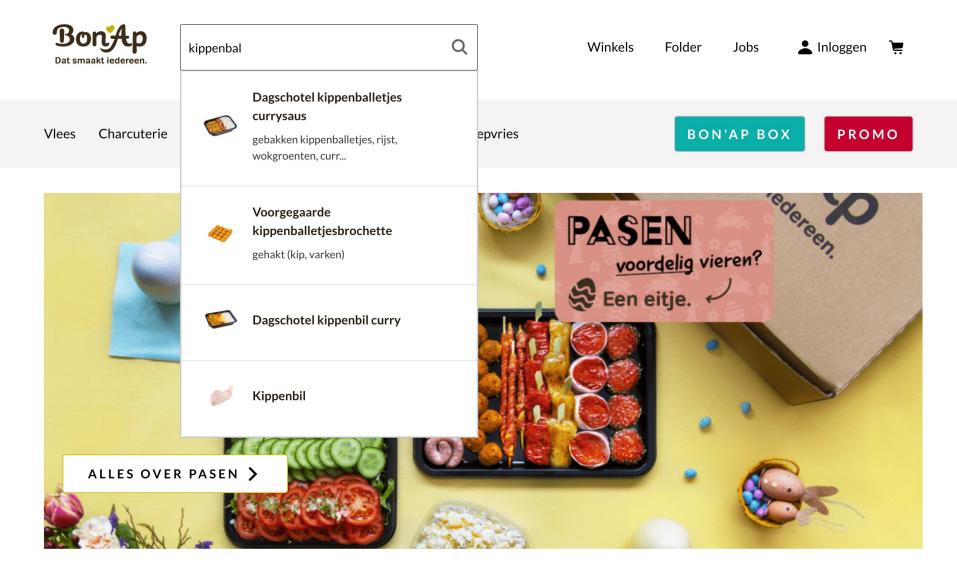
≽

...

**છે** 

>

dit menu Translate menu   Devel     Trite*   Search Suggestions     Menulinstrutive summary   Use this menu for adding links beneath the search popup     Menu link   Engels     Menu link   Engels      Space X       Engin       Space X       Engin       Particle          Particle  Particle </th <th>+ Adc</th>	+ Adc
Search suggestions Administrative summary Use this menu for adding links beneath the search popup Menu language Engels  Menu link Enable Operations  Space X  Space X  Virgin galactic	
Administrative summary   Use this menu for adding links beneath the search popup     Menu language   Engels     Menu link     Enabled   Operations          Space X                     Use this menu for adding links beneath the search popup     Menu link   Enabled   Operations </th <th></th>	
Use this menu for adding links beneath the search popup	
Menu language   Engels   Menu link   Enabled   Operations   Image: Space X	
Engels   Menu link   Enabled   Operations   Image: Space X   Image: Space X <tr< td=""><td></td></tr<>	
<ul> <li>◆ Space X</li> <li>◆ Blue origin</li> <li>◆ Virgin galactic</li> </ul>	
↔ Vogon Constructor Fleet	
Menu Trail Source	





# **Ontdek de Bon'Ap Box** Da's online betalen, snel afhalen

Met onze Bon'Ap Box tover je makkelijk en snel een heerlijk menu op tafel, ook op Pasen. Kies gerechten die snel te bereiden zijn of al voor je worden klaargemaakt. Kortem de Bon'Ap Box is



# Search Snippet

- Content type Specific
- Teaser text
- Teaser Image
- Tags, metadata, ...
- Content Type
- Breadcrumb
- Search excerpt
- Price
- CTA

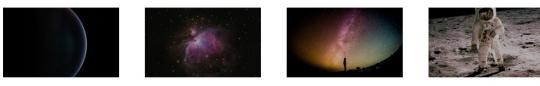
## Grouping data based on intent

- Content type
- Media type
- Relations

## People also ask

- $\sim$  How much is a trip to space?
- ✓ Is Virgin galactic a good investment?
- $\sim$  What is the purpose of SpaceX?

## **Images for space**



 $\textcircled{} > \mathsf{Frogstar}\,\mathsf{System}\,>\,\mathsf{Frogstar}\,\mathsf{World}\,\mathsf{B}$ 

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of the notorious Total Perspective Vortex, a machine that depicts the true magnitude of the universe.

... ruined cities, and an unusual amount of shoes. An abandoned **space**port on its surface was once found to have had a fully functioning (mind-witheringly delayed) **space**ship

	VERMONT VIST, Westmont West Athens Ucky Lady Casino West Athens West Report a map error
Monday:	9:00-17:00
Tuesday:	9:00-17:00
Wednesday:	9:00-17:00
Thursday:	9:00-17:00
Friday:	9:00-17:00
Saturday:	Closed
Sunday:	Closed

# **Search Snippet**

 $rac{1}{100}$  > Frogstar System > Frogstar World B

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second Frogstar System and is widely held to be the most totally evil place in the sometimes the Universe, a reputation gained most notably by the present the notorious Total Perspective Vortex, a machine that depicts the true m the universe.

... ruined cities, and an unusual amount of shoes. An abandoned **space**por was once found to have had a fully functioning (mind-witheringly delayed lying within, perpetually waiting for the ...



#### Location

#### Space X

*SpaceX* designs, manufactures and launches advanced rockets and spacecraft. The company was founded in 2002 to revolutionize space technology

... Space X SpaceX designs, manufactures and launches advanced rockets and spacecraft. The company was founded in 2002 to revolutionize space technology Previous Next Space Home Node Space ...

## People also ask

- $\sim$  How much is a trip to space?
- ✓ Is Virgin galactic a good investment?
- $\sim$  What is the purpose of SpaceX?

## **Images for space**



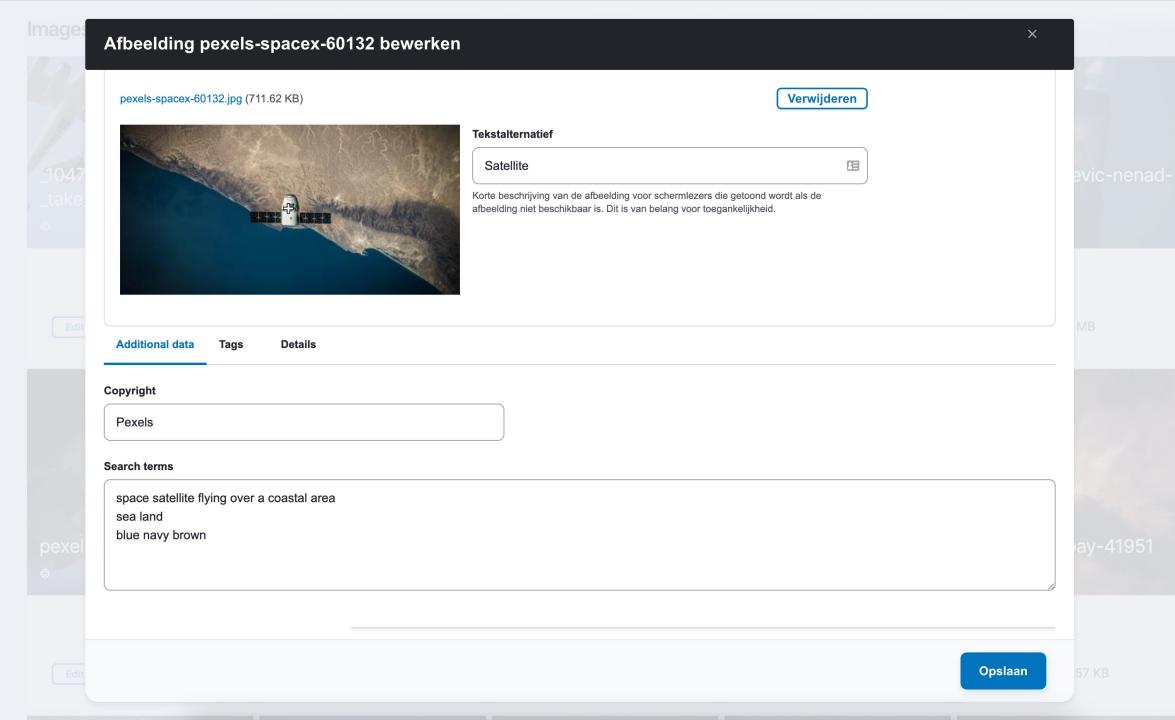
 $\textcircled{} > \mathsf{Frogstar}\,\mathsf{System}\,>\,\mathsf{Frogstar}\,\mathsf{World}\,\mathsf{B}$ 

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of the notorious Total Perspective Vortex, a machine that depicts the true magnitude of the universe.

... ruined cities, and an unusual amount of shoes. An abandoned **space**port on its surface was once found to have had a fully functioning (mind-witheringly delayed) **space**ship

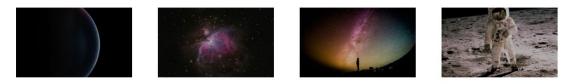




## People also ask

- $\sim$  How much is a trip to space?
- ✓ Is Virgin galactic a good investment?
- $\sim$  What is the purpose of SpaceX?

## **Images for space**



 $\textcircled{} > \mathsf{Frogstar}\,\mathsf{System}\,>\,\mathsf{Frogstar}\,\mathsf{World}\,\mathsf{B}$ 

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of the notorious Total Perspective Vortex, a machine that depicts the true magnitude of the universe.

... ruined cities, and an unusual amount of shoes. An abandoned **space**port on its surface was once found to have had a fully functioning (mind-witheringly delayed) **space**ship

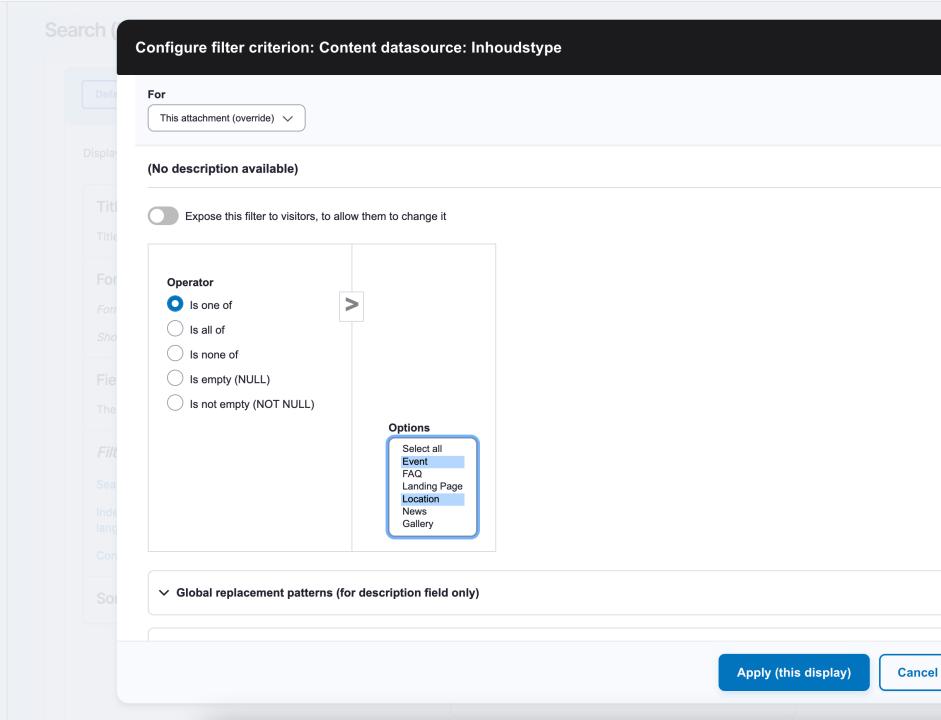
Angeles Airport nmerman bile Driving ANGELES AFB Hawthorne Costco Wholesale Costco Wholesale board shortcuts Map I Space	VERMONT VIST Westmont West Athens Uucky Lady Casino
Monday:	9:00-17:00
Tuesday:	9:00-17:00
Wednesday:	9:00-17:00
Thursday:	9:00-17:00
Friday:	9:00-17:00
Saturday:	Closed
Sunday:	Closed

## $\bigcirc$

### Search (Index Default content index)

Default     Page     Blok     Related FAQ     Search attachment     + Add				
Display name: Search attachment		Duplicate Search attachment V		
Title         Title: Search         Format         Format: Unformatted list / Settings         Show: Rendered entity / Settings         Fields         The selected style or row format does not use fields.         Filter criteria         Search: Fulltext search (or )         Index Default content index: Item language (= Interface text language selected for page)         Content datasource: Inhoudstype (= Location)	Attachment settings         Attach to: Not defined         Attachment position: Before         Inherit contextual filters: Yes         Inherit exposed filters: Yes         Access: Unrestricted         Header       Add         Footer       Add         No results behavior       Add         Pager         Items to display: Display a specified number of items	<ul> <li>Advanced</li> <li>Contextual filters</li> <li>Add</li> <li>Relationships</li> <li>Add</li> <li>Exposed form</li> <li>Exposed form style: Input required Settings</li> <li>Other</li> <li>Machine Name: search_attachment</li> <li>Administrative comment: None</li> <li>Use AJAX: No</li> <li>Contextual links: Shown</li> <li>Query settings: Settings</li> </ul>		
Sort criteria Add	1 item More link: No Link display: None Inherit pager: No Render pager: No	Caching: Tag based CSS class: None		

>



Add

X

Remove

#### Search (Index Default content index)

Title Search attachment: Pager options	Attachment cottinge	×
For Items to display		
Sho Enter 0 for no limit.		
Fie The For example, set this to 3 and the first 3 items will not be displa	ayed.	
Filt Sea		Apply Cancel
		Contextual links: Shown

#### Search (Index Default content index)

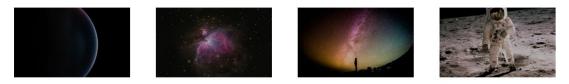
Displa	Search attachment: Row style options		Ktachment V
<b>Tit</b> l	View mode for datasource <i>Content</i> , bundle <i>Event</i>		
	Search Attachment 🗸		
For	View mode for datasource <i>Content</i> , bundle <i>FAQ</i>		
Fori	Search Attachment 🗸		
Sho	View mode for datasource <i>Content</i> , bundle <i>Landing Pa</i>	ge	
Fie	Search Attachment 🗸		
	View mode for datasource Content, bundle Location		
	Search Attachment 🗸		
Filt	View mode for datasource <i>Content</i> , bundle <i>News</i>		
	Search Attachment 🗸		
			Apply Cancel
			CSS class: None

```
<?php
     namespace Drupal\search_attachment_block\Plugin\Block;
     use Drupal\Core\Block\BlockBase;
 8
      * @Block(
      * id = "search_attachment_block",
     class SearchAttachmentBlock extends BlockBase {
       public function build() {
         $build = [];
         $build['view'] = [
          '#type' => 'view',
           '#name' => 'search',
           '#display_id' => 'search_attachment',
         ·];
         return $build;
       }
32
```

## People also ask

- $\sim$  How much is a trip to space?
- ✓ Is Virgin galactic a good investment?
- $\sim$  What is the purpose of SpaceX?

## **Images for space**



 $\textcircled{} > \mathsf{Frogstar}\,\mathsf{System}\,>\,\mathsf{Frogstar}\,\mathsf{World}\,\mathsf{B}$ 

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of the notorious Total Perspective Vortex, a machine that depicts the true magnitude of the universe.

... ruined cities, and an unusual amount of shoes. An abandoned **space**port on its surface was once found to have had a fully functioning (mind-witheringly delayed) **space**ship

	VERMONT VIST, Westmont
Monday:	9:00-17:00
Tuesday:	9:00-17:00
Wednesday:	9:00-17:00
Thursday:	9:00-17:00
Friday:	9:00-17:00
Saturday:	Closed
Sunday:	Closed

## People also ask

- $\sim$  How much is a trip to space?
- $\sim$   $\:$  Is Virgin galactic a good investment?

**Virgin Galactic is an extremely risky offering that's not for the faint of heart** – and when it comes to a potentially game-changing opportunity like this, investors are always going to have to pay a premium, even without a concrete roadmap to future profitability.

 $\sim$  What is the purpose of SpaceX?

## Images





#### Frogstar World B

**Frogstar World B**, commonly referred to as "**The Frogstar**", is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of

	VERMONT VIST. Westmont West Athens Larry Flynt's Ucky Lady Casino
Monday:	9:00-17:00
Tuesday:	9:00-17:00
Wednesday:	9:00-17:00
Thursday:	9:00-17:00
Friday:	9:00-17:00
Saturday:	Closed
Sunday:	Closed

## People also ask

- $\sim$  How much is a trip to space?
- $\sim$   $\:$  Is Virgin galactic a good investment?

**Virgin Galactic is an extremely risky offering that's not for the faint of heart** – and when it comes to a potentially game-changing opportunity like this, investors are always going to have to pay a premium, even without a concrete roadmap to future profitability.

 $\sim$  What is the purpose of SpaceX?

## Images





#### Frogstar World B

**Frogstar World B**, commonly referred to as "**The Frogstar**", is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of

	VERMONT VIST. Westmont West Athens Larry Flynt's Ucky Lady Casino
Monday:	9:00-17:00
Tuesday:	9:00-17:00
Wednesday:	9:00-17:00
Thursday:	9:00-17:00
Friday:	9:00-17:00
Saturday:	Closed
Sunday:	Closed





 $\otimes$ 

Try Drupal

## Drupal



DrupalCon Europe 2022 is back in person in Prague, Czech Republic, from 20-23 September. The Call for Speakers is open, so don't miss your chance to speak at DrupalCon Prague. Be sure to submit your session before 19 April.

#### Submit your session today

Author name

Douglas Adams (5)

George Orwell (4)

J. R. R. Tolkien (4)

Jane Eyre (3)

Astrid Lindgren (3)

P. G. Wodehouse (3)

Patrick Rothfuss (3)

Salman Rushdie (3)

Ernest Hemingway (4)

#### **Download & Extend**

Drupal Core Distributions

Themes General projects

#### Facets



Modules

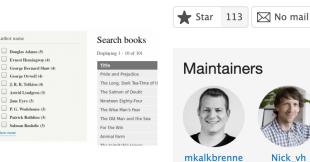
Created by mikeker on 2 October 2014, updated 3 December 2021

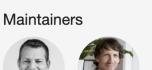
#### **Overview**

The Facet module allows site builders to easily create and manage faceted search interfaces. In addition to the UI components that come out of the box, themers and module developers can build their own widgets that can optionally be contributed back to Drupal.org. Facets work with Drupal Core Search and Search API, meaning that code and configuration can be reused as-is with the most popular search solutions available to Drupal.

Facets is a Drupal 9 and above only solution. Please see Facet API for a Drupal 7 solution.

We showcase the ecosystem of Search API, including facets, sorting, autocomplete and more at http://drupalsear.ch. It is possible to login and check out the configuration of the site to see some of the best practice configurations. The code for this demo site is available at https://github.com/nickveenhof/drupal8-umami-search.





Nick\_vh

Add Issues for Facets to dashboard +

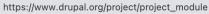






drunken monkey

borisson\_



Q

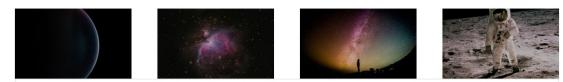
## People also ask

- $\sim$  How much is a trip to space?
- $\, \sim \,$  Is Virgin galactic a good investment?

**Virgin Galactic is an extremely risky offering that's not for the faint of heart** – and when it comes to a potentially game-changing opportunity like this, investors are always going to have to pay a premium, even without a concrete roadmap to future profitability.

 $\sim$  What is the purpose of SpaceX?

## Images



 $\textcircled{} > \mathsf{Frogstar}\,\mathsf{System}\, > \mathsf{Frogstar}\,\mathsf{World}\,\mathsf{B}$ 

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of

Angeles Airport	VERMONT
nmerman obile Driving	Westmont
ANGELES AFB Hawthorne	West Athens
Costco Wholesale	Larry Flynt's 💽 ucky Lady Casino
board shortcuts Map Da	ata STI ED Casin Report a map error
Space >	(
Space /	
Monday:	9:00-17:00
Tuesday:	9:00-17:00
Wednesday:	9:00-17:00
Thursday:	9:00-17:00
Friday:	9:00-17:00
Saturday:	Closed
Sunday:	Closed

S	p	а	С	е
~	r 1	~	~	~

Q

0

## People also ask

- How much is a trip to space? (1)
- Is Virgin galactic a good investment? (1)
- What is the purpose of SpaceX? (1)

### Images



 $\textcircled{} > \mathsf{Frogstar}\,\mathsf{System}\, > \mathsf{Frogstar}\,\mathsf{World}\,\mathsf{B}$ 

#### Frogstar World B

**Frogstar World B**, commonly referred to as **"The Frogstar"**, is the second planet in the Frogstar System and is widely held to be the most totally evil place in the Galaxy and sometimes the Universe, a reputation gained most notably by the presence thereof of the notorious Total Perspective Vortex, a machine that depicts the true magnitude of the universe.

... ruined cities, and an unusual amount of shoes. An abandoned **space**port on its surface was once found to have had a fully functioning (mind-witheringly delayed) **space**ship lying within, perpetually waiting for the ...





Location

_	galactic       Save and edit content         dit content       Manage display       Page settings       Translate       Revisions       Devel	Last saved: 28/03/2022 - 17:03 Author: calibrate Save
Conte	nt * Teaser Office hours Search optimisation	✓ Featured image
Relat	ed FAQ	✓ Language
÷	Is Virgin galactic a good investment? (24)	✓ Simple XML Sitemap
¢	How much is a trip to space? (21)	✓ URL alias Alias: /frogstar-world-b/virgin-galac
÷	Who legally owns the moon? (22)	<ul> <li>Authoring information</li> <li>By calibrate (1) on 2022-03-28</li> </ul>
Add a	nother item	✓ Node keep

 $(\mathbf{r})$ 

0

₽

 $\otimes$ 

Ą

ട്ട

≞

0

oOG

≽

.ıl

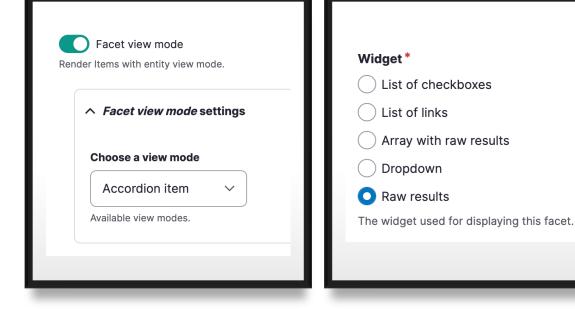
**છે** 

>

### Hard limit

(	
5	$\sim$

Display no more than this number of facet items.



## **Facet sorting**

## Sort by active state

### ts the widget results by active stat

Sorts the widget results by active state.

## Sort by count

Sorts the widget results by count.

### Sort order

Ascending







## Drupal™



DrupalCon Europe 2022 is back in person in Prague, Czech Republic, from 20-23 September. The Call for Speakers is open, so don't miss your chance to speak at DrupalCon Prague. Be sure to submit your session before 19 April.

#### Submit your session today

Display this facet depending on the state of

Exclude specified item

Facet Filter

Facet view mode
Render Items with entity view mode.

FACET VIEW MODE SETTINGS
CHOOSE A VIEW MODE

#### Download & Extend

Drupal Core Distributions

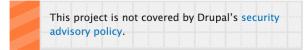
Modules Themes General projects

#### **Facets View Mode**

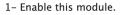


#### Version control View history Automated testing

Created by asghar on 2 September 2018, updated 17 September 2021



Facets module does not provide out-of-the-box render facet with view mode. If you want to render facet item like taxonomy term, the node with view mode you can use this module. Here are steps to configure the module



- 2- Go to facet list page admin/config/search/facets.
- 3- Edit your facet admin/config/search/facets//edit
- 4- You will see "Facet view mode" in \*FACET SETTINGS\* section.
- 5- Click the checkbox and you will see display mode select box.

#### **Project information**



Seeking new maintainer

The current maintainers are looking for new people to take ownership.

	\star Star 3 🖂 No mail
ch as node IDs or titles).	Maintainers
	asghar
	Issues for Facets View Mode
	To avoid duplicates, please search before submitting a new issue.
	Search
	Advanced search

Add Issues for Facets View Mode to dashboard

#### All issues

cets\widget;	
t\ArrayWidget;	
ace;	
a rw value of the facet res	ul
:s"),	
dget that builds an array wi.	th
the facet	
ultInterface frecult	
attinterrace presult	
terface <presult) pre="" {<=""></presult)>	
ues(\$result),	
	<pre>the facet. sultInterface \$result nterface \$result) { ues(\$result),</pre>

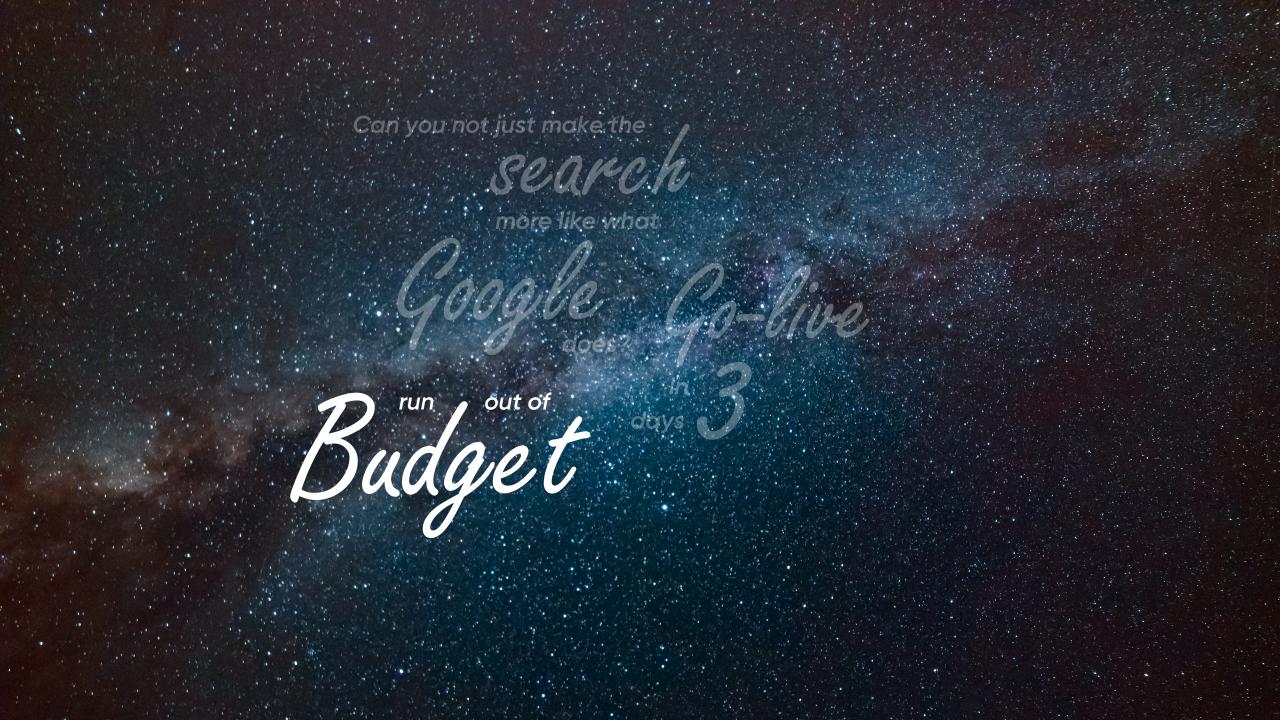


Can you not just make the Search

more like what

Google does?









To our wonderful sponsors, our awesome community and fantastic volunteers!

# n calibrate



## Thank you

Gold sponsors

## Silver sponsors







3sign

AMPLEXOR 1x INTERNET ACOULD & Kraut.Hosting

## Stay in touch

#ddd2022 on Drupal slack
@drupaldevdays

/drupaldevdays

# Questions??



