# Understanding the ApacheSolr CCK field

Robert Douglass April 7, 2009 Acquia.com

# Configure your subscription

#### Subscription name: \*

Blog example account

Nickname for the web site associated with this subscription.

#### Website URL:

The complete URL for your Drupal site. "http://" or "https://" is required. If you do not know the URL yet, or if your site is not accessible from the Internet, leave this blank.

▼ I would like to participate in the Acquia Search beta

Acquia Search enhances the Drupal 6 search experience by providing face of search navigation, content recommendations, and much more. Participating in the retaining program indicates your acceptance of the evaluation agreement.

# Subscription Price Acquia Network 30-Day \$0.00 Trial 1 Support Cases 1 Billing Contacts 2 Technical Contacts Full Mollom spam blocking

\$0.00

Total

# Acquia terms of service

Acquia Document Number: GA-00001-20080929-00

#### SUBSCRIPTION AGREEMENT

READ CAREFULLY: BY PURCHASING A SUBSCRIPTION, YOU AS THE "SUBSCRIBER" AGREE TO THE TERMS OF THIS SUBSCRIPTION AGREEMENT (THE "AGREEMENT") WITH ACQUIA, INC. ("ACQUIA"). THIS AGREEMENT SETS FORTH THE TERMS OF SUBSCRIBER'S SUBSCRIPTION AND USE OF SOFTWARE AND SERVICES PROVIDED BY ACQUIA. IF SUBSCRIBER DOES NOT AGREE WITH ALL OF THESE TERMS, SUBSCRIBER WILL NOT BE ABLE TO PURCHASE A SUBSCRIPTION.

#### 1. Definitions.

"Acquia Authored Drupal Modules" means certain Acquia modules that are written by, and for which copyright is owned by Acquia and that are licensed pursuant to the terms of an open source license.

"Acquie D ond Licensed Software hundled together in various distribution methods as

☑ I have read and accepted the Acquia terms of service.

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# http:///acquia.com/products-services/acquia-network/free-trial



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#### **Products & Services**

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# Free 30-day Acquia Network Trial

#### **Get Started In a Few Simple Steps**

- · Sign up for a free 30-day Acquia Network trial
- Download Acquia Drupal or the Acquia Network Connector modules
- · Review the instructions in our Getting Started Guide
- Connect your Drupal 6.x site to the Acquia Network
- Explore the operations and support options in the Acquia Network

#### Free Trial Overview

Your free 30-day trial will provide an introduction to the technical support and automated network services available to Acquia Network subscribers. Whether you are new to Drupal or you have been building Drupal sites for years, the Acquia Network connects you with professional Drupal technical support and automated network services to help you maintain trouble-free Drupal 6.x websites.

The 30-day free trial includes one support ticket so you can experience working with our Technical Assistance Center firsthand. When you need more assistance, simply upgrade to a Professional or Enterprise subscription for unlimited support tickets.

#### Connect with Drupal experts in Acquia support

Acquia's Technical Assistance Center provides commercial grade support for all Drupal 6.x modules, themes, and custom code to help you implement Drupal with confidence. We've built a team of experienced and knowledgeable Drupal support engineers to provide assistance and to extend your in-house expertise, providing technical assistance throughout the process of installing, operating and maintaining your Drupal websites.

#### Need Drupal? Start with Acquia Drupal

#### Sign Up Today

#### Step 1: Sign Up for 30-day Trial

Get one free Acquia Support ticket to help make your Drupal website trouble-free.

#### Subscribe

Contact Acquia Sales

### Step 2:

Download the Acquia Network Connector modules

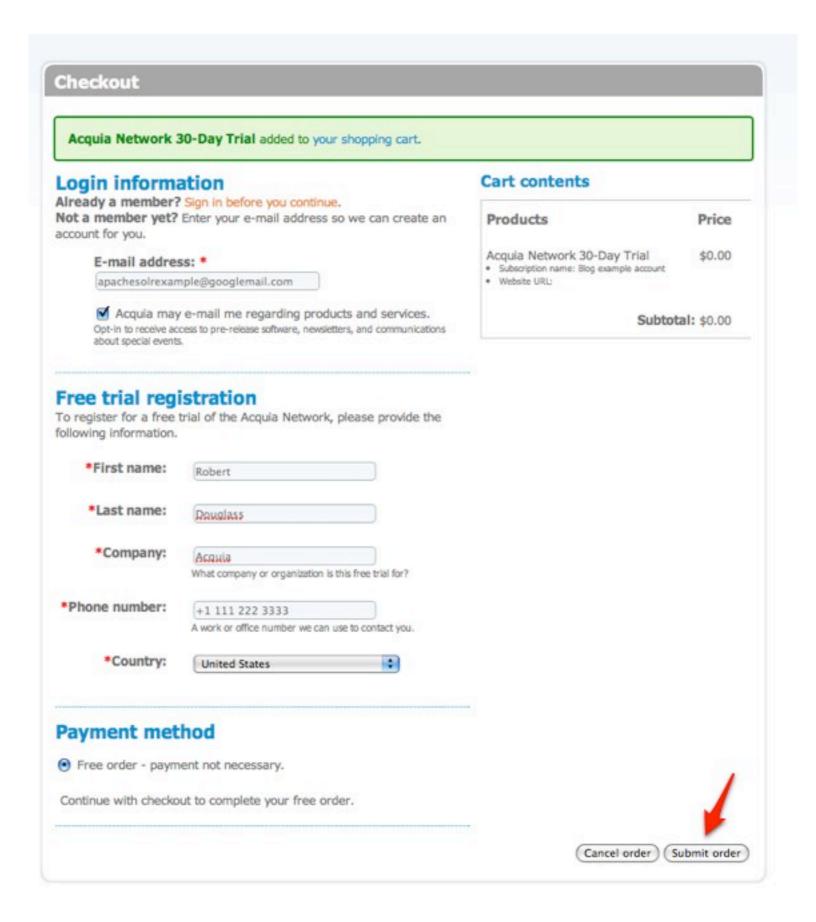
Install these modules to connect any existing Drupal 6.x site to the Acquia Network

#### Download

#### Step 3: Connect Your Site

Enter your subscription keys and you're ready to go.

Getting Started Guide





Acquia.com Downloads Documentation Support Forums My account Search Logout

Tasks

Tickets

Settings

Subscription

Health

Messages

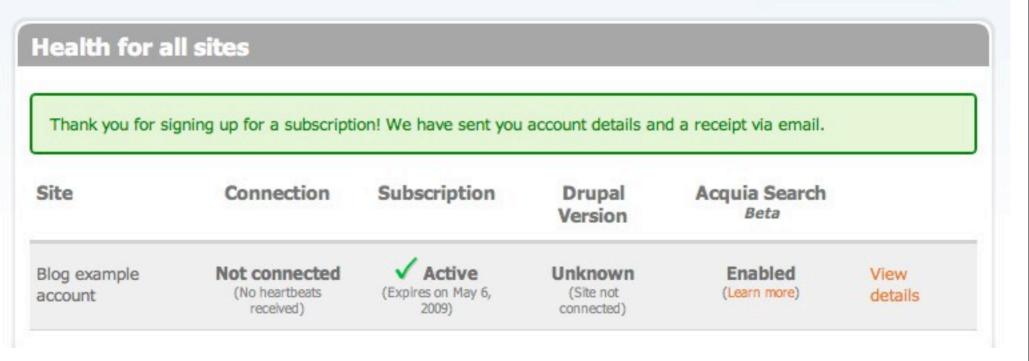
Site selector

All sites

Blog example account 2

apachesolrexample

Log out



# **Details for Blog example account**

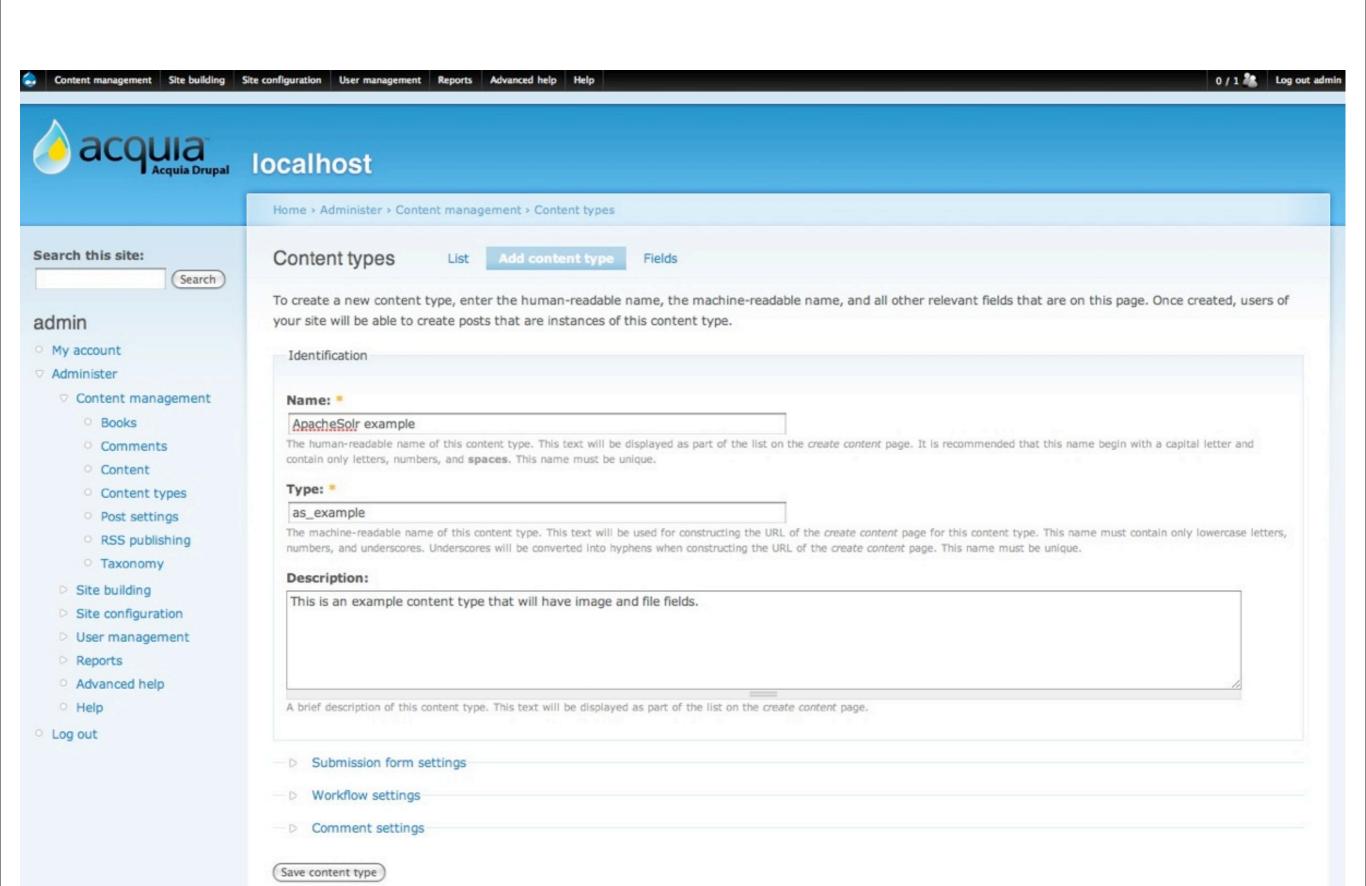
Site address:	Not provided
Subscription status:	Active Expires: 05/07/2009 (4 weeks 2 days left)
Subscription product:	Acquia Network 30-Day Trial  Buy a subscription
Support cases:	1 remaining (1 allowed, 0 used)
Technical contacts:	2 allowed

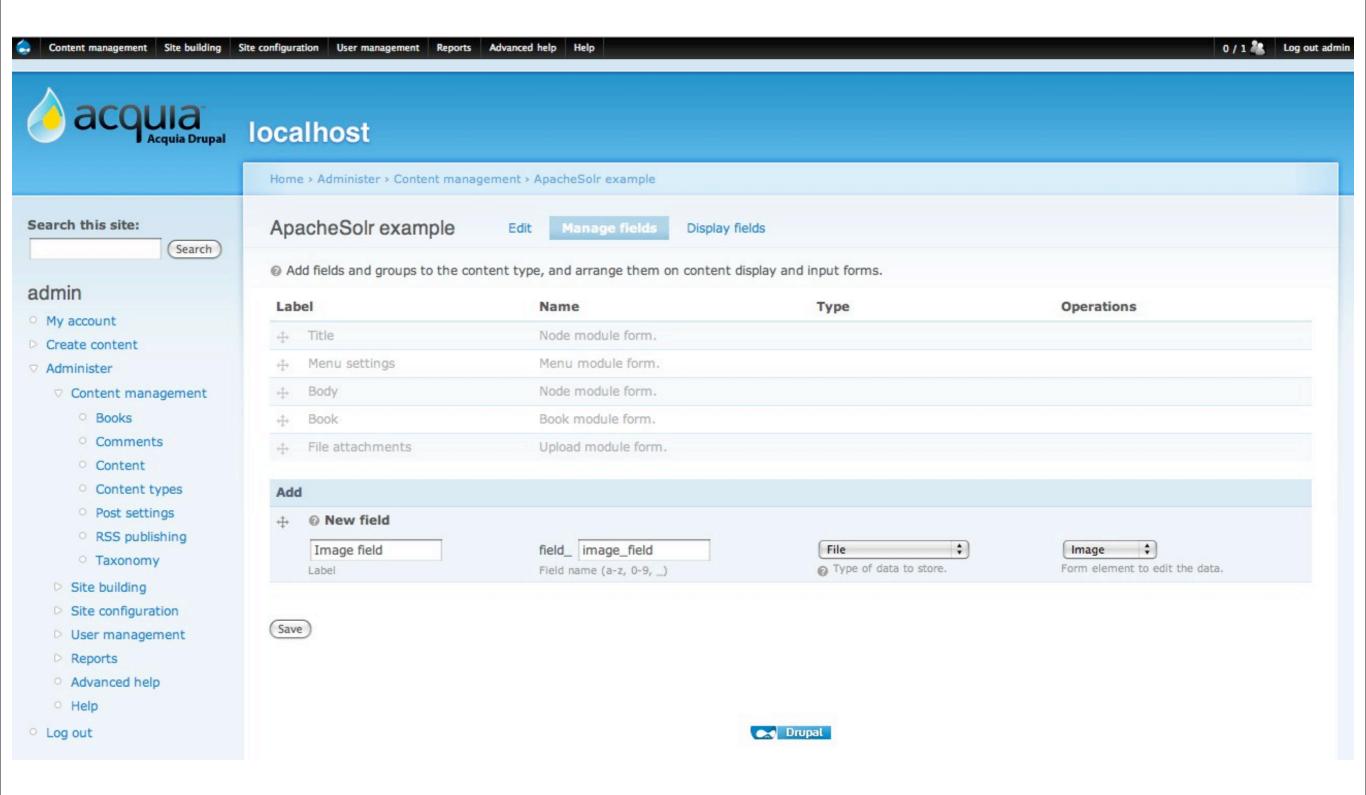
Remove this subscription

# **Acquia Network keys**

These keys allow you to connect your website to the Acquia Network and associate it with this subscription. You can specify these values in the Acquia Drupal installation process, or you can enter them at any time by visiting Administer > Site configuration > Acquia settings (admin/settings/acquia-agent) on any Drupal site that uses the Acquia Network Connector modules.

Identifier:	KRTY-13633
Key:	592ec190faab8b700102b01c1dba1c36

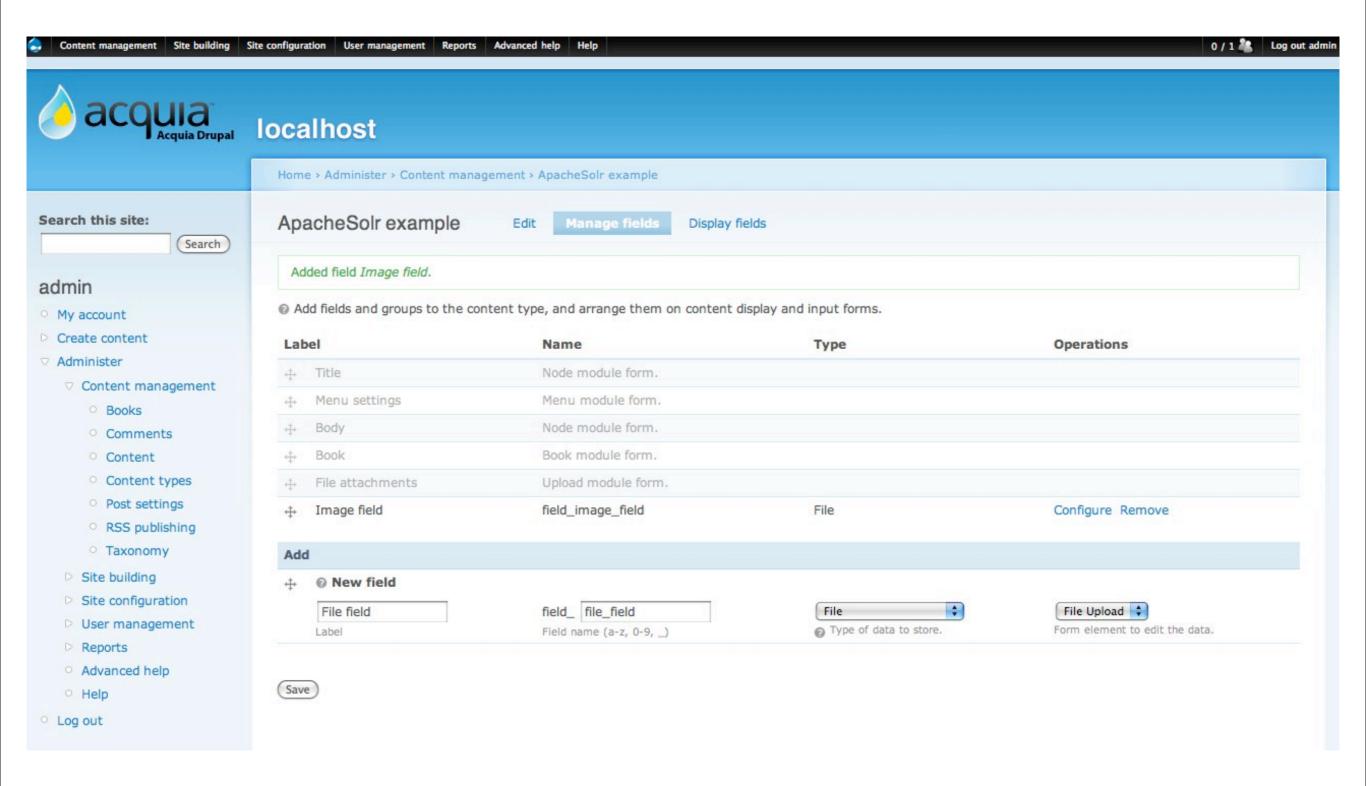


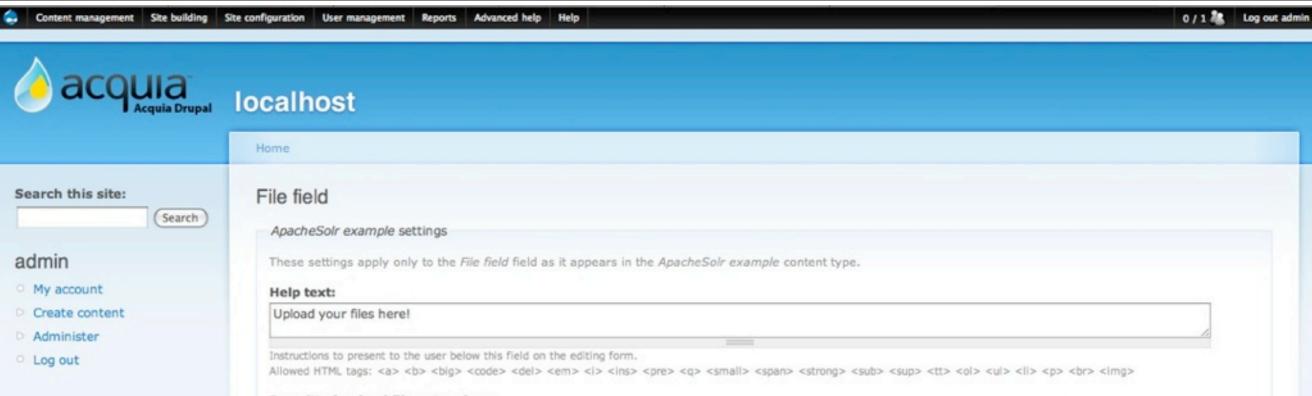


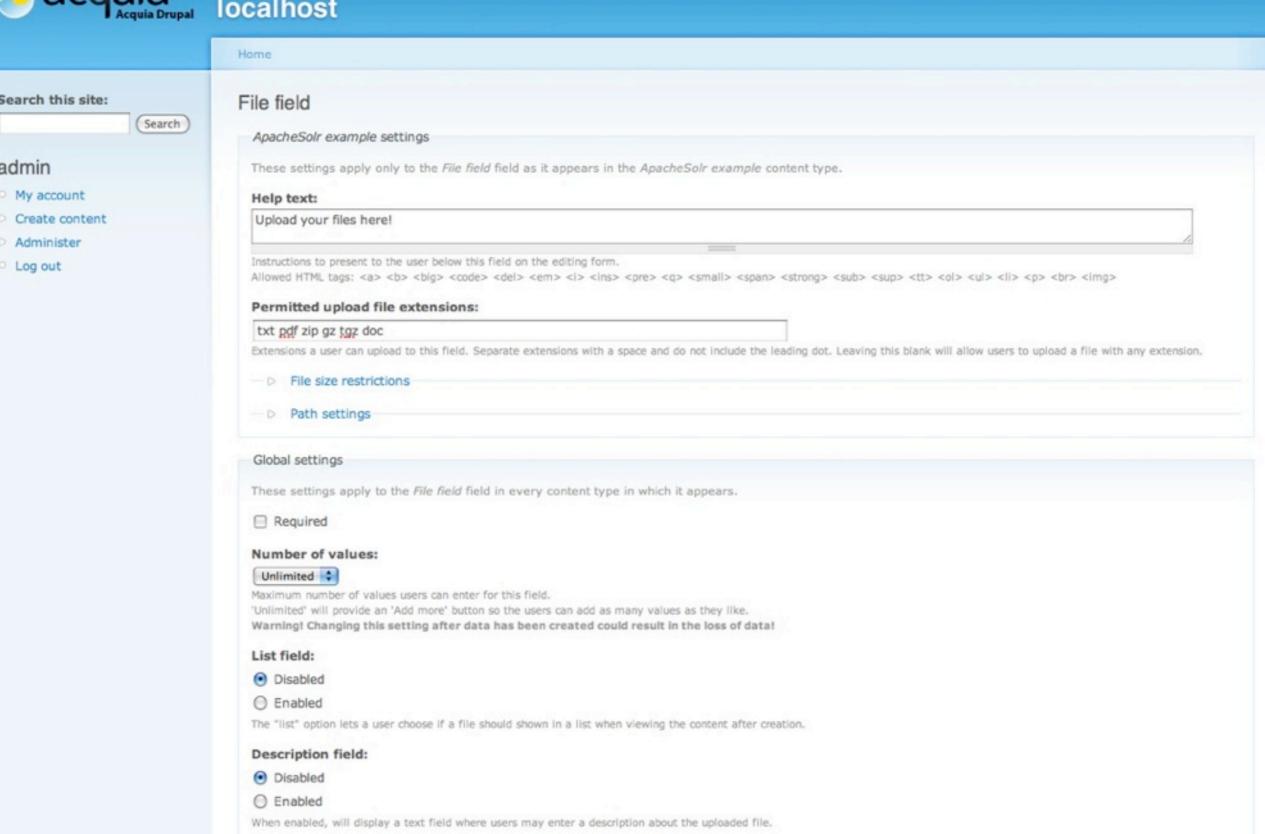
# Image field ApacheSolr example settings These settings apply only to the Image field field as it appears in the ApacheSolr example content type. Help text: Upload your pictures! Instructions to present to the user below this field on the editing form. Allowed HTML tags: <a> <b> <big> <code> <de|> <em> <|> <lm> <q> <small> <span> <strong> <sub> <tt> <br/> Permitted upload file extensions: jpg jpeg png gif Extensions a user can upload to this field. Separate extensions with a space and do not include the leading dot. Only jpg, png, and gif images are supported with this widget. Maximum resolution for Images: The maximum allowed image size expressed as WIDTHxHEIGHT (e.g. 640x480). Set to 0 for no restriction. If a larger image is uploaded, it will be resized to reflect the given width and height. Resizing images on upload will cause the loss of EXIF data in the image. Minimum resolution for Images: The minimum allowed image size expressed as WIDTHxHEIGHT (e.g. 640x480). Set to 0 for no restriction. If an image that is smaller than these dimensions is uploaded it will be rejected. Path settings File size restrictions Title text settings ALT text settings Default image Global settings These settings apply to the Image field field in every content type in which it appears. Required Number of values: Unlimited 💠 Maximum number of values users can enter for this field. 'Unlimited' will provide an 'Add more' button so the users can add as many values as they like. Warning! Changing this setting after data has been created could result in the loss of data! List field: Disabled Enabled The "list" option lets a user choose if a file should shown in a list when viewing the content after creation. Description field: Disabled Enabled When enabled, will display a text field where users may enter a description about the uploaded file.

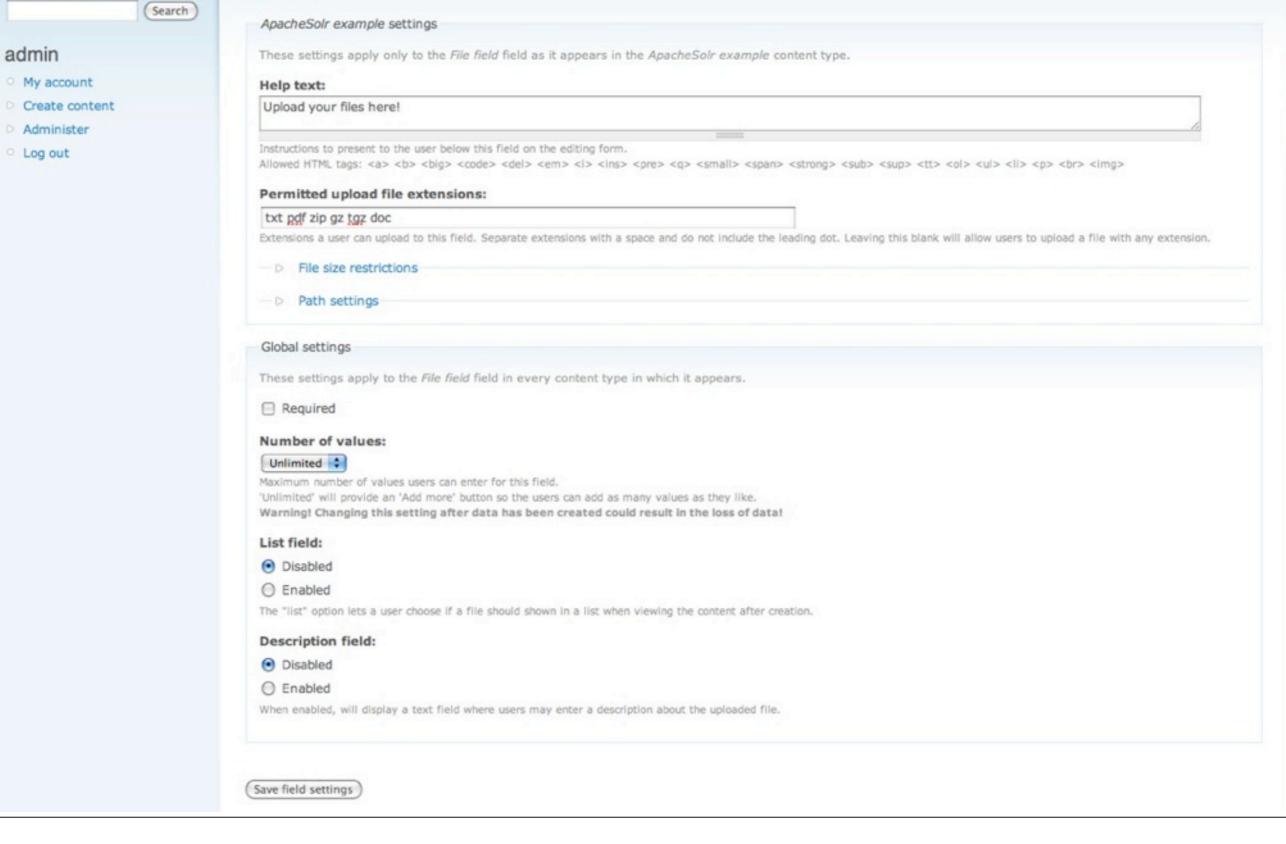
Save field settings

9







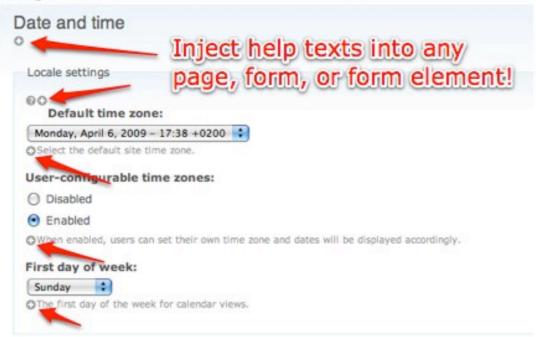




Tue, 04/07/2009 - 16:51 - admin

With the example module there will be facets on mime type!

#### Image field:



#### File field:

drupal4media-review.pdf

Create some content with images and files!

Add new comment

# Modules

List

Uninstall

No information is available about potential new releases for currently installed modules and themes. To check for updates, you may need to run cron or you can check manually. Please note that checking for available updates can take a long time, so please be patient.

Modules are plugins that extend Drupal's core functionality. Enable modules by selecting the *Enabled* checkboxes below and clicking the *Save configuration* button. Once a module is enabled, new permissions may be available. To reduce server load, modules with their *Throttle* checkbox selected are temporarily disabled when your site becomes extremely busy. (Note that the *Throttle* checkbox is only available if the Throttle module is enabled.)

It is important that update.php is run every time a module is updated to a newer version.

You can find all administration tasks belonging to a particular module on the administration by module page.

To extend the functionality of your site, a number of contributed modules are available.

See the available updates page for information on installed modules and themes with new versions released.

#### Acquia Network Connector

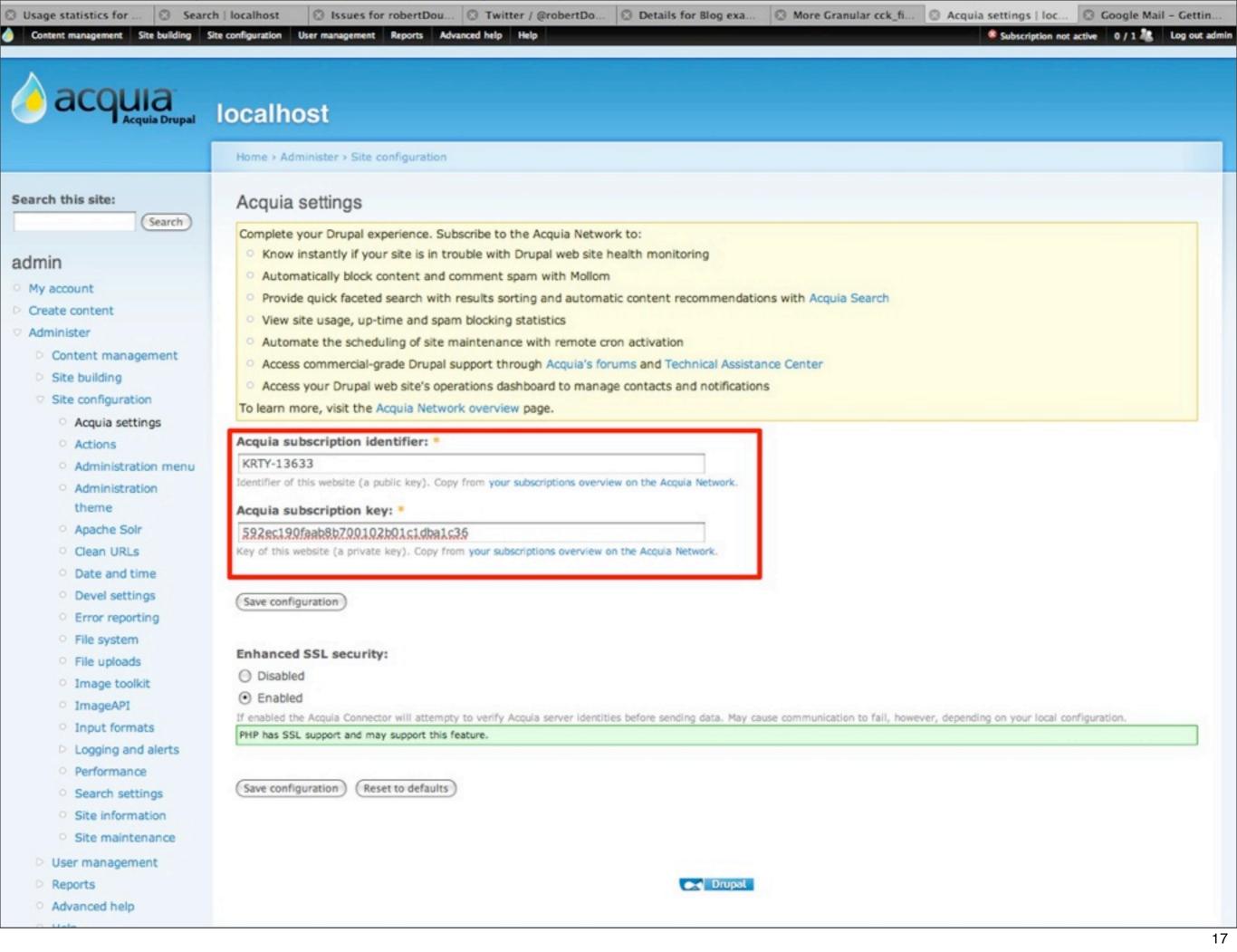
Enabled	Name	Version	Description
✓	Acquia agent	6.x-1.6	Allows Drupal to securely communicate with the Acquia Network, and checks for updates to Acquia Drupal.  Required by: Acquia search (disabled), Acquia site information (disabled)
	Acquia search	6.x- 1.4887	Provides integration between your Drupal site and Acquia's hosted search service.  Depends on: Acquia agent (disabled), Apache Solr framework (enabled), Apache Solr search (enabled), Search (enabled)
<b></b>	Acquia site information	6.x-1.6	Sends a site profile including Acquia Drupal version, platform and module information; number of posts, comments and users as well as file hashes and file metainformation on files in the system to the Acquia Network to facilitate support and update notifications.  Depends on: Acquia agent (disabled)

Enabled	Name	Version	Description
8	Apache Solr for attachments		Searching file attachments with Solr This version is incompatible with the 6.10 version of Drupal core.
⋖	Apache Solr framework		Framework for searching with Solr Required by: Acquia search (disabled), Apache Solr for attachments (disabled), Apache Solr image module integration (disabled), Apache Solr more like this (disabled), Apache Solr node access (disabled), ApacheSolr Organic Groups (disabled), Apache Solr search (enabled)
	Apache Solr image module integration		Integrates the Apache Solr and Image modules Depends on: Image (disabled), Apache Solr framework (enabled)
	Apache Solr more like this		Use Solr to make content recommendations Depends on: Apache Solr framework (enabled)
	Apache Solr node access		Integrates the node access system with Apache Solr search Depends on: Apache Solr framework (enabled)
<b>Ø</b>	Apache Solr search		Search with Solr  Depends on: Search (enabled), Apache Solr framework (enabled)  Required by: Acquia search (disabled)
	ApacheSolr Organic Groups		Integrates Organic Groups and ApacheSolr Depends on: Apache Solr framework (enabled), Og (missing)

Enabled	Name	Version	Description
⋖	Content	6.x-2.2	Allows administrators to define new content types.  Required by: Content Copy (disabled), Content Permissions (disabled), Date (disabled), Date Tools (disabled), Fieldgroup (disabled), FileField (enabled), ImageField (enabled), Link (disabled), Node Reference (enabled), Number (enabled), Option Widgets (enabled), Text (enabled), User Reference (enabled), FileField Meta (disabled)
	Content	6.x-2.2	Enables ability to import/export field definitions.  Depends on: Content (enabled)
	Content Permissions	6.x-2.2	Set field-level permissions for CCK fields.  Depends on: Content (enabled)
	Fieldgroup	6.x-2.2	Create display groups for CCK fields.  Depends on: Content (enabled)
$\checkmark$	FileField	6.x-3.0- rc1	Defines a file field type.  Depends on: Content (enabled)  Required by: FileField Meta (disabled), ImageField (enabled)
	FileField Meta	6.x-3.0- rc1	Add metadata gathering and storage to FileField.  Depends on: FileField (enabled), Getid3 (missing), Content (enabled)
✓	ImageField	6.x-3.0- rc1	Defines an image field type.  Depends on: Content (enabled), FileField (enabled)
	Link	6.x-2.5	Defines simple link field types.  Depends on: Content (enabled)
	Node Reference	6.x-2.2	Defines a field type for referencing one node from another.  Depends on: Content (enabled), Text (enabled), Option Widgets (enabled)
$\blacksquare$	Number	6.x-2.2	Defines numeric field types.  Depends on: Content (enabled)
$\checkmark$	Option Widgets	6.x-2.2	Defines selection, check box and radio button widgets for text and numeric fields.  Depends on: Content (enabled)  Required by: Node Reference (enabled), User Reference (enabled)
$\checkmark$	Text	6.x-2.2	Defines simple text field types.  Depends on: Content (enabled)  Required by: Node Reference (enabled), User Reference (enabled)
	User Reference	6.x-2.2	Defines a field type for referencing a user from a node.  Depends on: Content (enabled), Text (enabled), Option Widgets (enabled)

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Enabled	Name	Version	Description
<b>✓</b>	Advanced help	6.x-1.1- acquiadev- 1	"Allow advanced help and documentation. Acquia version 6.x-1.1-acquiadev-1 (Feb. 13, 2009) patched to enable correct functioning with CCK's help. See the release notes."  Required by: Advanced help example (disabled), Help injection (disabled)
	Advanced help example	6.x-1.1	A example help module to demonstrate the advanced help module.  Depends on: Advanced help (enabled)
Θ	Comment Notify	6.x-1.2	Comment follow-up e-mail notification for anonymous as well as registered users.  Depends on: Comment (enabled)
	example		Example module showing custom CCK facets.
	Help injection		Allows administrators to inject help links, map them to books, and export.  Depends on: Advanced help (enabled), Book (enabled)
	Lightbox2	6.x-1.9	Enables Lightbox2 for Drupal
	Mollom	6.x-1.7	Protects against comment and contact form spam.
	Pathauto	6.x-1.1	Provides a mechanism for modules to automatically generate aliases for the content they manage.  Depends on: Path (disabled), Token (disabled)
	Token	6.x-1.11	Provides a shared API for replacement of textual placeholders with actual data.  Required by: Pathauto (disabled), Token actions (disabled)
	Token actions	6.x-1.11	Provides enhanced versions of core Drupal actions using the Token module.  Depends on: Token (disabled)
	Webform	6.x-2.6	Enables the creation of forms and questionnaires.



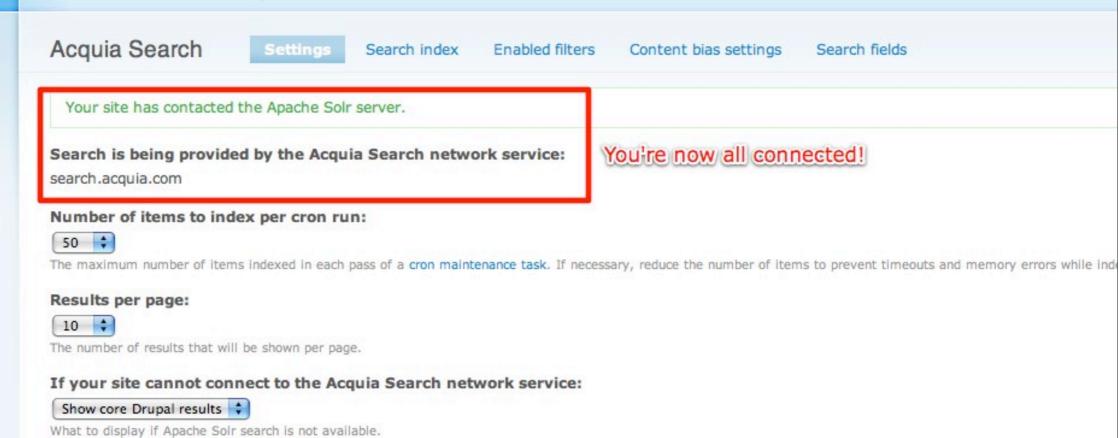


Home > Administer > Site configuration

# https://localhost/admin/settings/apachesolr



- Acquia Search
   Acquia settings
   Actions
   Administration menu
   Administration theme
  - Clean URLs
  - Date and time
  - Devel settings
  - Error reporting
  - File system
  - File uploads
  - Image toolkit
  - ImageAPI
  - Input formats



Extra help messages for administrators:

- Enabled
- ☑ Enable spellchecker and suggestions
  Enable spellchecker and get word suggestions. Also known as the "Did you mean ... ?" feature.

Save configuration (Reset to defaults)

Nice added feature =)



# https:///localhost/admin/settings/apachesolr/index

Search this site:

Search

admin

- My account
- Create content
- Administer
  - Content management
  - Site building
  - Site configuration
    - Acquia Search
    - Acquia settings
    - Actions
    - Administration menu
    - Administration theme
    - Clean URLs
    - Date and time
    - Devel settings

Acquia Search

Settings

Search index

Enabled filters

Content bias settings

Search fields

The search index is generated by running cron. 0% of the site content has been sent to the server. There are 6 items left to send.

The server has a 4 minute delay before updates are processed.

Home > Administer > Site configuration > Acquia Search

Number of documents in index: 0

Run cron manually to index your content.

Numer of pending deletions: 0

View more details on the search index contents

Acquia Search index controls

Re-index all content

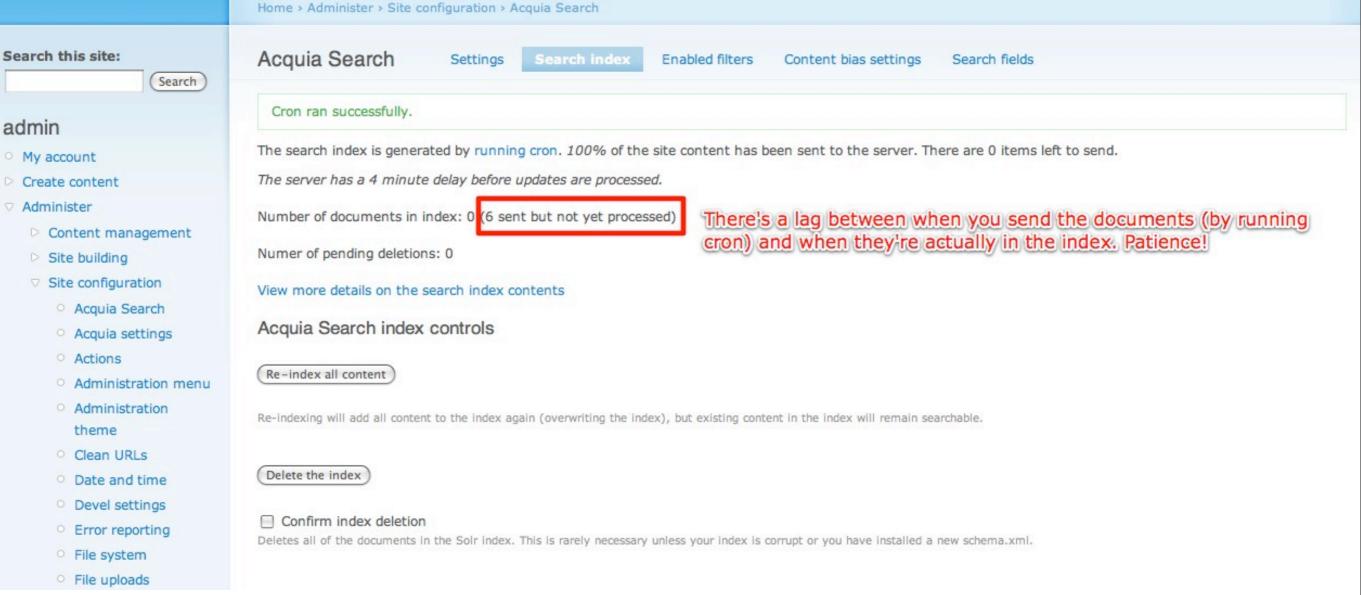
Re-indexing will add all content to the index again (overwriting the index), but existing content in the index will remain searchable.

Delete the index

Confirm index deletion

Deletes all of the documents in the Solr index. This is rarely necessary unless your index is corrupt or you have installed a new schema.xml.







Home > Administer > Site configuration > Acquia Search

Search this site:

Search

## admin

- My account
- Create content
- Administer
  - Content management
  - Site building
  - ∇ Site configuration
    - Acquia Search
    - Acquia settings
    - Actions
    - Administration menu
    - Administration theme
    - Clean URLs
    - Date and time
    - Devel settings
    - Error reporting

Acquia Search

Settings

Search index

**Enabled filters** 

Content bias settings

Search fields

The search index is generated by running cron. 100% of the site content has been sent to the server. There are 0 items left to send.

The server has a 4 minute delay before updates are processed.

Number of documents in index: 6

After the 4 minute delay all content is indexed and ready for searching.

Numer of pending deletions: 0

View more details on the search index contents

Acquia Search index controls



Awesome mind boggling statistics here!

Re-index all content

Re-indexing will add all content to the index again (overwriting the index), but existing content in the index will remain searchable.

Delete the index

Confirm index deletion

Deletes all of the documents in the Solr Index. This is rarely necessary unless your Index is corrupt or you have installed a new schema.xml.

# Apache Solr Search index

Number of documents in index: 6

Number of terms in index: 186

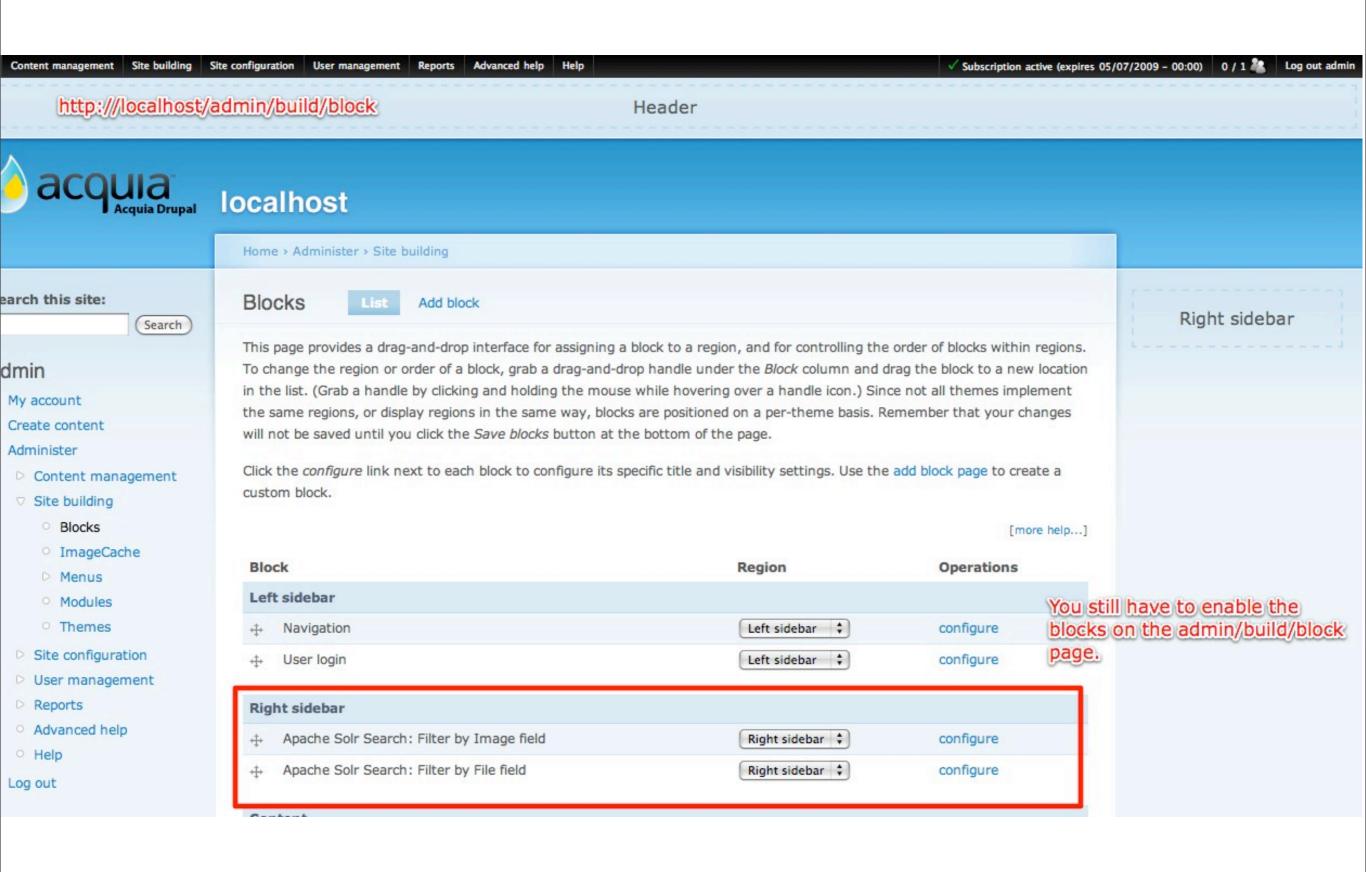
Number of fields in index: 31

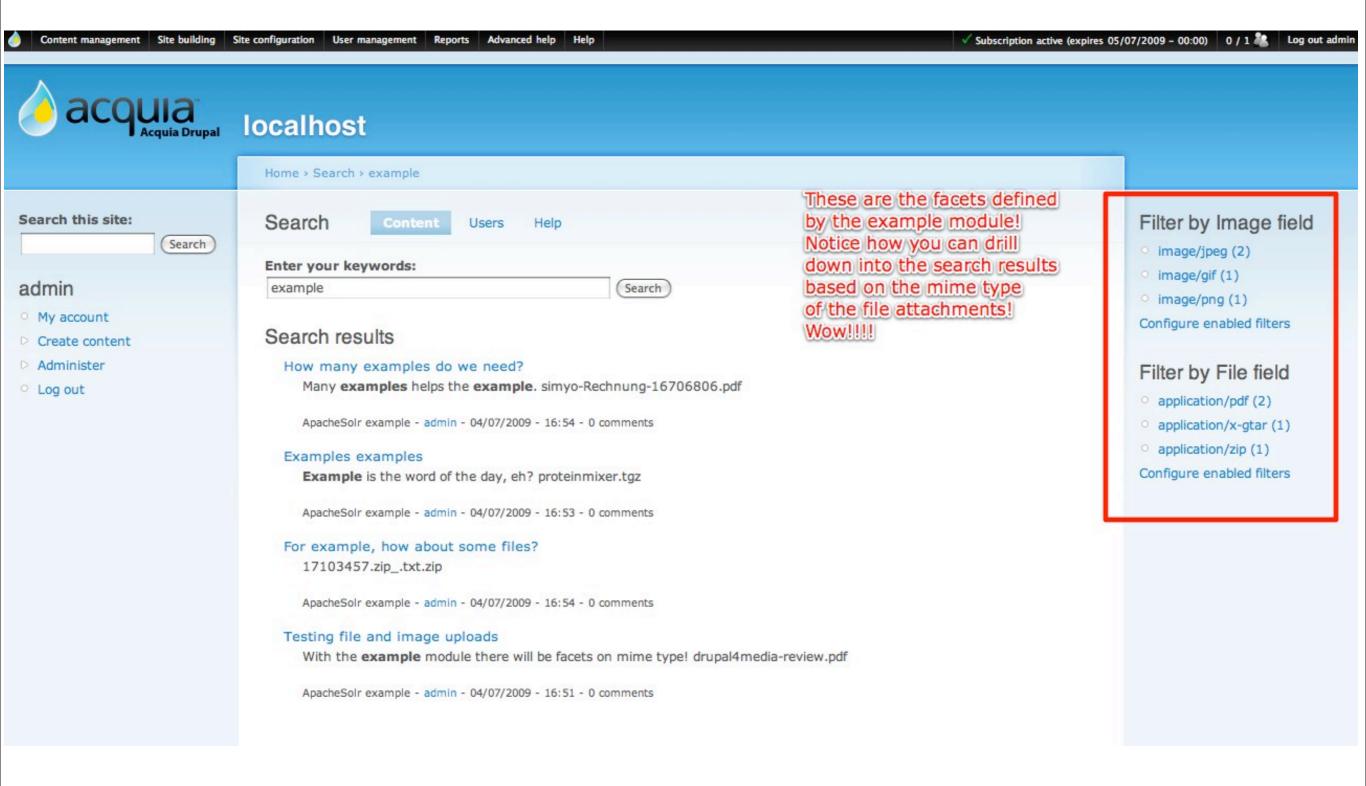
Field name	Index type	Distinct terms
body	text	40
changed	date	6
comment_count	integer	1
created	date	6
hash	string	1
d	string	6
language	string	1
ast_comment_or_change	date	6
moderate	boolean	1
name	text	1
nid	integer	6
path	string	6
promote These are the fields defined by	boolean	1
These are the fields defined by site	string	1
sm_cck_field_file_field	string	3
sm_cck_field_image_field	string	3
sname	string	1
sort_name	sortString	1
sort_title	sortString	6
spell	textSpell	29
status	boolean	1

Save

File uploads

Image toolkit





# Search

#### Enter your keywords:

example

Search

# Search results

#### How many examples do we need?

Many examples helps the example. simyo-Rechnung-16706806.pdf

ApacheSolr example - admin - 04/07/2009 - 16:54 - 0 comments

#### Examples examples

Example is the word of the day, eh? proteinmixer.tgz

ApacheSolr example - admin - 04/07/2009 - 16:53 - 0 comments

# Filter by Image field

- o image/jpeg (2)
- o image/gif (1)
- o image/png (1)

# Filter by File field

- o application/pdf (2)
- o application/x-gtar (1)
- o application/zip (1)

```
... (Array, 1 element)

filefield (Array, 3 elements)

callback (String, 16 characters ) example_callback | (Callback) example_callback();

index_type (String, 6 characters ) string

widget_types (Array, 2 elements)

filefield_widget (Boolean) TRUE

imagefield_widget (Boolean) TRUE
```

... (Array, 2 elements)

0 (Array, 1 element)

safe (String, 15 characters ) application/pdf

1 (Array, 1 element)

safe (String, 10 characters ) text/plain