

CERN Search Updates

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CERN Search integration
status summary

CERN Search Indexer Tools
module new features

Conclusions



Where are we going?

- Improve search on Drupal infrastructure

What were the options?

- Drupal built-in search
- Drupal search API
- Solr integration
- Custom integration

Index Content

Do Queries

Show results



	Advantages	Drawbacks
Drupal built-in search	<ul style="list-style-type: none"> -Easy -Default 	<ul style="list-style-type: none"> -Simple -Database -Performance -Low search features
Search API	<ul style="list-style-type: none"> -Improve default search capabilities -Several contrib modules options 	<ul style="list-style-type: none"> -Features depends on search API implementations -Performance
Solr	<ul style="list-style-type: none"> -Performance -Complete search capabilities -Good support in Drupal community 	<ul style="list-style-type: none"> -No integration with other content at CERN -Infrastructure needed
CERN Search	<ul style="list-style-type: none"> -Performance -Complete search capabilities -Integration with other content at CERN -Experience 	<ul style="list-style-type: none"> -Custom module development needed



Custom integration with CERN Search

Queries + Show results

- CERN Search (1Q 2012)

Index Content

- CERN Search index tools
 - First release 15/08/2012
 - New version since 22/10/2012

- Protecting view content in Drupal
- User_access(permission, user)
 - View published content ('access content')
- Node access (operation, user)
 - Default entry

nid	gid	realm	grant_view	grant_update	grant_delete
0	0	all	1	0	0

- Content Access example

nid	gid	realm	grant_view	grant_update	grant_delete
5	5	content_access_rid	1	0	0

Changes on content protection

- Removed custom permission
- Now using default Drupal permissions for view content (`user_access`)

Integration with Content Access module

- Node access rules will be taken into account

New per node/content index information



OIS

Demo

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Complete solution was developed

Should fit for most of sites

- General purpose search

Feedback to improve the solution

- New protection schemas
- Multilingual sites



Feedback?

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