

# Eprints Archive Software System Documentation

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## 1 Introduction

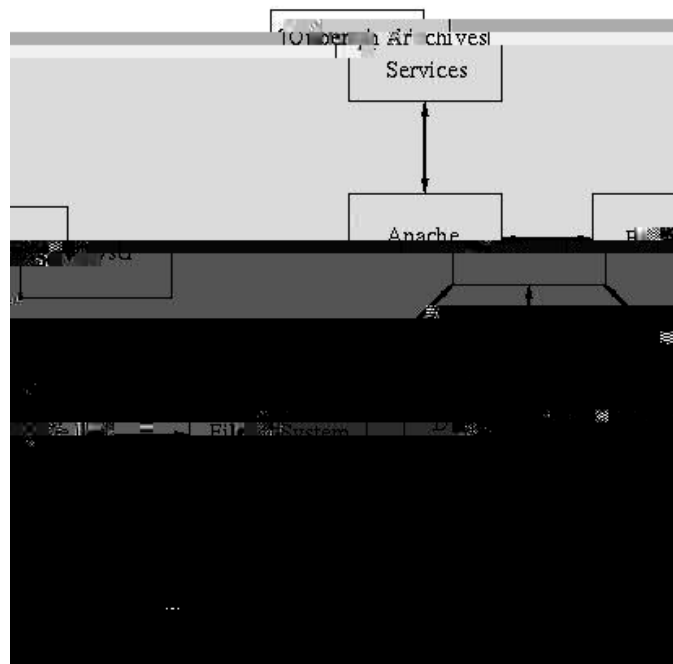


Figure 1: Overview of the Components of an *Eprints* arc9.47hiv9.47e

## 2.1 Directory Structure

This section lists and describes the directories in an installed *Eprints* system.

**bin**



and run `generate_static` (or `update_laf`.) The file will be added to the archive Web server.

In order to reduce processor load, and to enable search engines such as

boolean	true or false
date	a date (day, month and year)
email	an e-mail address
enum	one of a specified set of values
eprinttype	a type of eprint (generally only used by system)
intc	64.6eger /F8 9.963 Tf 04.656 0 pmunsigned eprint (generally only used by system)



Argument	Types it applies to	Description
type	ALL	the type of field, from table 1
required	ALL	



Miscellaneous arguments:  
subjects

documents Contains information about the eprint document files (e.g. PDFs,

Field Type	Stored as MySQL Type	Internal Representation (MySQL & <i>Eprints</i> code)
boolean	SET('TRUE','FALSE')	'TRUE' or 'FALSE'
date	DATE	YYYY-MM-DD
email	VARCHAR(255)	as-is
enum	VARCHAR(255)	tag of the selected value
eprinttype	VARCHAR(255)	tag of the eprint type
int	INT UNSIGNED	the number
multitext	TEXT	as-is
multiurl	TEXT	as-is
username	TEXT	: username1: username2:
name	VARCHAR(255)	: surname, fi rstname mi ddl ename: surname Jr. , fi rstname, mi ddl ename:
pagerange	VARCHAR(255)	ext-yyy,Td( (VARCHA(255)n'80 Td( (xaxis)TJ/F8 9.963 Tf 320. usr   VARCHAR(255)   as-is

The `make_meta_fields` method in `SearchExpression.pm`



tag1: tag2: tag3: ANY

This will retrieve records where the field has any one of the values tag1, tag2 or tag3.

**In SQL:** Each tag is turned into a LIKE "%: tag: %" clause. Multiple tags are then combined with AND or OR in order to construct the SQL query.

#### 5.1.7 year fields

**HTML Form:** Rendered as a text input

This sorts results by descending year, then authors, then title. The default order if ASCending or DESCending are not specified is ascending.

SearchExpression.pm can also produce a text string which, at a later time, can be fed back into SearchExpression.pm to recreate the same search. This technique is used by the subscriptions mechanism to store and retrieve user subscriptions.





## 8 Handling of E-mail

The *Eprints*

Add that field to the advanced search.

Edit the .htaccess files to use Encrypted passwords

You should try and avoid editing the core files (those in bin, EPrints and cgi) as these will be overwritten when you next upgrade.

We are planning more support for this in the next release, including example scripts to import users and a method for building static "view" pages for each member. This would mean that your members could link from their homepage to a page listing all their papers (or whatever your archive archives).

## 10 Scripted Importing of Data

It's likely that you have a large amount of data in another database or format that you want to populate your *Eprints* database with. The *Eprints* Perl

