

Seting Up dan Pengembangan Repository untuk Pengolahan Koleksi Digital Perpustakaan

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Setting Repository

- ▶ Setting server
 - ▶ Install erpints
 - ▶ Install Postfix
- ▶ Integrasi email dan server
 - ▶ Seting domain
 - ▶ Seting ip
 - ▶ Seting email
- ▶ Seting keanggotaan
 - ▶ Repo hanya untuk email institusi

Install erpints

- ▶ Membuat file repository EPrints untuk instalasi.
`nano /etc/apt/sources.list.d/erpints.list`
- ▶ Masukkan alamat repository erpints.
`deb http://deb.erprints-hosting.org/3.4/stable/ ./`
- ▶ Download key repository dan update.
`wget -O - http://deb.erprints-hosting.org/keyFile | apt-key add -`
`apt update`
- ▶ Tunggu hingga selesai
- ▶ Kemudian ketik perintah untuk instalasi erpints
`apt install erpints -y`
- ▶ Kemudian konfigurasi erpints

Install Postfix

- ▶ Install software
 - `sudo apt-get update`
- ▶ Tunggu hingga selesai update package server nya
- ▶ Kemudian install postfix dengan perintah di terminal
 - `sudo apt-get install postfix`
- ▶ Tunggu sampai selesai

Integrasi Email dengan Server

- ▶ **Configure Postfix**

```
sudo nano /etc/postfix/main.cf
```

- ▶ **Configure Additional Email Addresses**

```
sudo nano /etc/postfix/virtual
```

- ▶ **Test your Configuration**

```
echo "This is the body of the email" | mail -s "This is the subject line" root
```

Pengembangan repository

- ▶ Setting Subject
- ▶ Seting prodi
- ▶ Seting pembimbing
- ▶ Seting statistik

Install Subjek

- ▶ Hirarkhi atau struktur lembaga dan subjek tersimpan di file yang sama, bisa dilihat di direktori, yaitu:

`/usr/share/eprints3/archives/archive_id/cfg/subjects`

- ▶ Sebaiknya, untuk pertama kali kita membangun hirarkhi lembaga dan subjek dengan membuat file subject terlebih dahulu dengan formatnya.
- ▶ File subjects bisa dilihat dan di edit sesuai dengan keperluan dan sesuai dengan keilmuan di perguruan tinggi.

`/eprints3/archives/archive_id/cfg/subjects`

- ▶ File subjek yang sudah jadi dengan menggunakan DDC dapat digunakan dalam workshop ini). File ini nanti akan dimasukkan ke EPrints dengan menggunakan tool yang disediakan EPrints, `import_subject` seperti contoh berikut:

```
eprints@host% /usr/share/eprints3/bin/import_subjects
```

(Catatan: Perintah di atas dijalankan dengan login sebagai user Eprints).

- ▶ Untuk melihat hasilnya, gunakan tool `generate_views`:

```
eprints@host% /usr/share/eprints3/bin/generate_views
```

- ▶ Kemudian silahkan di cek di deposit item bagian division dan di subjects.

Seting prodi

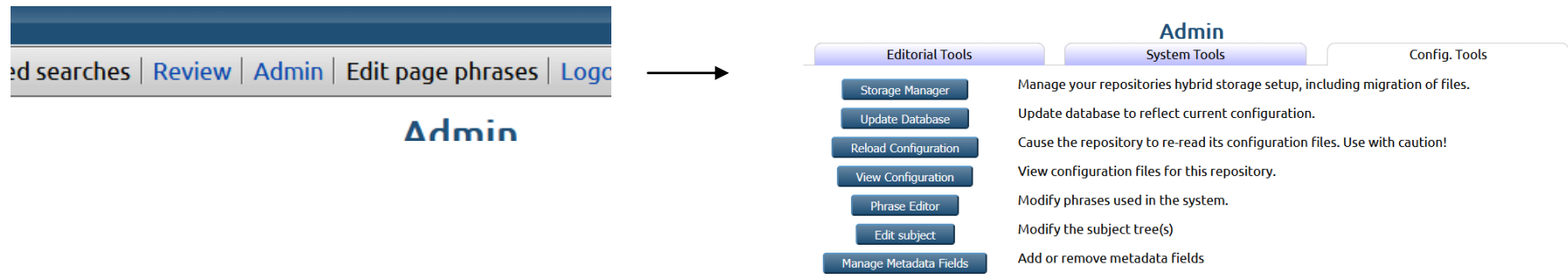
- ▶ Edit di bagian view configuration lalu pilih cfg - cfg.d - eprints_fields.pl
- ▶ Cari bagian `name => 'thesis_type'`
- ▶ Tambahkan “`undergraduate`” di bawah diploma.
- ▶ Akan seperti ini

```
{  
  name => 'thesis_type',  
  type => 'set',  
  options => [qw(  
    diploma  
    undergraduate  
    masters  
    doctoral  
  )],  
  input_style => 'medium',  
},
```

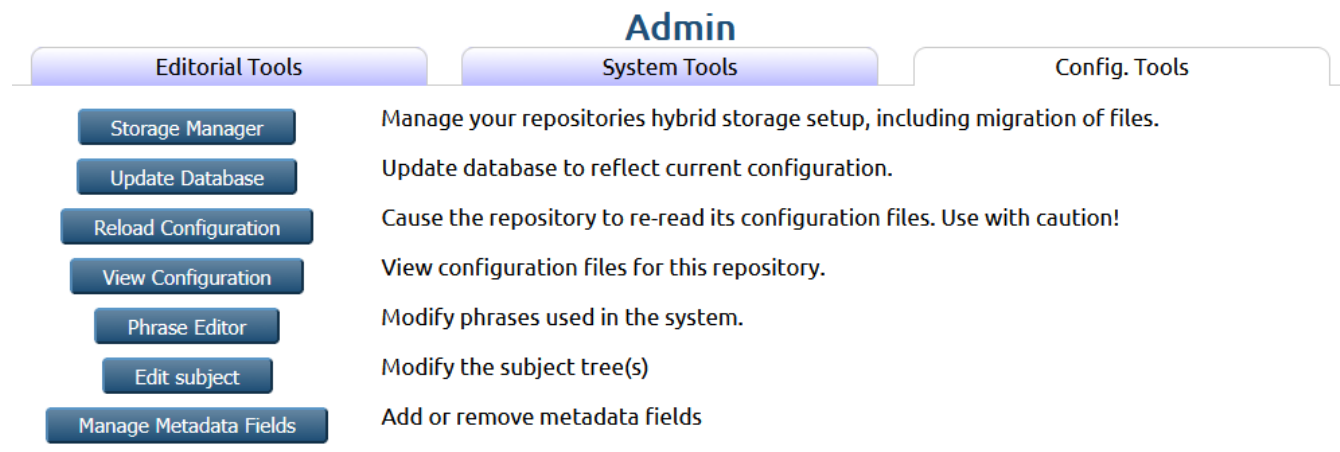
- ▶ Setelah itu save dan reload konfigurasi.

Seting Pembimbing

- ▶ Buka menu admin, kemudian menuju ke tab config.tools.



- ▶ Klik tombol **manage metadata fields**, pilih bagian **eprints** dan klik **View Dataset Fields**



- ▶ Akan tampil seperti ini.

Manage Metadata Fields

This tool allows you to add metadata fields to your repository. Only fields added using this tool can be removed by this tool. To start configuring fields choose a dataset to add/remove fields from the following list.

Datasets with Configurable Fields

Access Logs:	Stores requests generated from the Web interface	View Dataset Fields
Cache Tables:	Index to the tables used for temporarily storing search results	View Dataset Fields
Documents:	Used to store documents metadata, for ALL of archive, inbox, etc.	View Dataset Fields
Eprints:	Used to store eprints records	View Dataset Fields
Tasks:	Scheduled tasks for the indexer process.	View Dataset Fields
Files:	Technical data on files stored.	View Dataset Fields
Object Revisions:	Stores information about revisions made to objects (eprints, users etc.)	View Dataset Fields
Imports:	Stores the details of an import.	View Dataset Fields
User Log-ins:	Stores user login tickets (cookies-based authentication)	View Dataset Fields
User Notifications:	Used to store messages waiting to be shown to the user	View Dataset Fields
Metafield:	Used to store metadata field records	View Dataset Fields
Full-text Requests:	Stores requests made for full-texts to be delivered by email	View Dataset Fields
Saved Searches:	Used to store what searches users have and the frequency of alert emails	View Dataset Fields
Subjects:	Used to store the hierarchical subject tree(s)	View Dataset Fields
["datasetname_triple" not defined]:	["datasethelp_triple" not defined]	View Dataset Fields
["datasetname_upload_progress" not defined]:	["datasethelp_upload_progress" not defined]	View Dataset Fields
Users:	Used to store info on eprints users	View Dataset Fields

- ▶ Setelah klik View Dataset Fields akan muncul seperti ini.

Manage Metadata Fields - Tasks

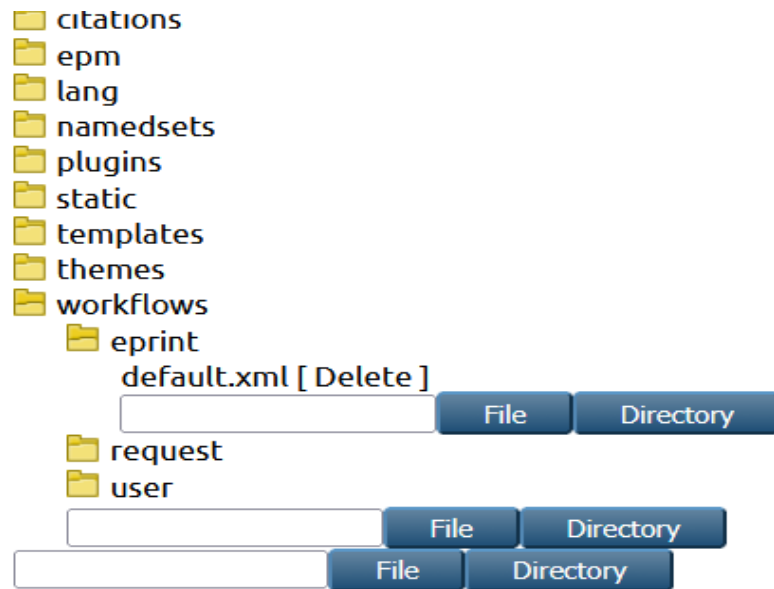
This tool allows you to add metadata fields to your repository. Only fields added using this tool can be removed by this tool. To start configuring fields choose a dataset to add/remove fields from the following list.

Create a Field

Live Fields

action:	Action	Core Field
cleanup:	Remove on Completion	Core Field
description:	Description	Core Field
end_time:	Completed	Core Field
eventqueueid:	Id	Core Field
params:	Parameters	Core Field
pluginid:	Plugin	Core Field
priority:	Priority	Core Field
start_time:	Start Time	Core Field
status:	Status	Core Field
userid:	Owner	Core Field

- ▶ Klik create field dan isikan “supervisor” serta sesuaikan dengan kebutuhan.
- ▶ Kemudian akhiri dengan mengklik tombol COMMIT sehingga field dapat segera digunakan.
- ▶ Kemudian ke file workflow di folder eprints kemudian edit default.xml nya.



- ▶ Letakkan di bagian “thesis” sehingga seperti dibawah ini.

```
<epc:if test="type = 'thesis'">  
  <field ref="supervisor" required="yes"/>  
  <field ref="date" required="yes" />  
  <field ref="date_type" required="yes" />  
  <field ref="official_url"/>  
  <field ref="institution" required="yes" />  
  <field ref="department" required="yes" />  
  <field ref="pages"/>  
</epc:if>
```

- ▶ Lalu regenerate abstract, regenerate views dan reload konfigurasi.

- ▶ Maka akan muncul supervisor/pembimbing di type thesis dibagian details.

★ Publication Details

★ STATUS: Published In Press Submitted Unpublished [?](#)

★ SUPERVISOR:

	FAMILY NAME	GIVEN NAME / INITIALS	
1.	<input type="text"/>	<input type="text"/>	<input type="button" value="▼"/>
2.	<input type="text"/>	<input type="text"/>	<input type="button" value="▼▲"/>
3.	<input type="text"/>	<input type="text"/>	<input type="button" value="▼▲"/>

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