

*PICTO-CIN 2010-0149 . Investigación y desarrollo en repositorios institucionales:
aplicaciones y experiencias en universidades de la región bonaerense*



Configuración de OAI- PMH* en EPrints

Curso de Capacitación

*Repositorios digitales institucionales: Diseño,
implementación y optimización de un recurso
estratégico para las Universidades*

Módulo 3. Bloque 5: Software para la gestión de
repositorios digitales



eprints

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Bahía Blanca, Argentina
Noviembre 2012

* *Open Archives Initiative-Protocol Metadata Harvesting (OAI-PMH)*



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Search

Welcome to Repositorio PICTO Bonaerense

Welcome to Repositorio PICTO Bonaerense. [Click here to start customising this repository.](#)

Atom RSS 1.0 RSS 2.0

[Latest Additions](#)

View items added to the repository in the past week.

[Search Repository](#)

Search the repository using a full range of fields. Use the search field at the top of the page for a quick search.

[Browse Repository](#)

Browse the items in the repository by subject.

[About this Repository](#)

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Una vez iniciada la sesión como **administrador**, acceder al área de **Administración** del panel de tareas



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Search

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Editorial Tools

System Tools

Config. Tools

Search items

- Search for items in this repository.

Search issues

- Search for issues discovered in current records.

Search users

- Search for users of this repository.

Search history

- Search for actions that have occurred on items in this repository.

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Acceder a la pestaña de
Herramientas de Configuración



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- Manage your repositories hybrid storage setup, including migration of files.

Update Database

- Update database to reflect current configuration.

Reload Configuration

- Cause the repository to re-read its configuration files. Use with caution!

View Configuration

- View configuration files for this repository.

Phrase Editor

- Modify phrases used in the system.

Edit subject

- Modify the subject tree(s)

Manage Metadata Fields

- Add or remove metadata fields

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EPrints

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Ingresar a **Ver Configuración**



View Configuration

- Folder: /usr/share/eprints3/archives/picto/cfg
- File: [issues.xml](#) [Delete]
- Folder: subjects
- Folder: autocomplete [Delete]
- Folder: **cfg.d**
- Folder: citations
- Folder: lang
- Folder: namedsets
- Folder: static
- Folder: templates [Delete]
- Folder: themes [Delete]
- Folder: workflows



El directorio **cfg.d** almacena la configuración principal del repositorio

[File](#) [Directory](#)



Search

View Configuration

- └─ /usr/share/eprints3/archives/picto/cfg
 - issues.xml [[Delete](#)]
 - subjects
 - └─ autocomplete [[Delete](#)]
 - └─ cfg.d
 - 10_core.pl [[Delete](#)]
 - 20_baseurls.pl [[Delete](#)]
 - adminemail.pl [[Delete](#)]
 - branding.pl [[Delete](#)]
 - database.pl [[Delete](#)]
 - datasets.pl [[Delete](#)]
 - document_fields.pl [[Delete](#)]
 - document_fields_automatic.pl [[Delete](#)]
 - document_fields_default.pl [[Delete](#)]
 - document_upload.pl [[Delete](#)]
 - document_validate.pl [[Delete](#)]
 - dynamic_template.pl [[Delete](#)]
 - email.pl [[Delete](#)]
 - eprn.pl [[Delete](#)]
 - eprint_fields.pl [[Delete](#)]
 - eprint_fields_automatic.pl [[Delete](#)]
 - eprint_fields_default.pl [[Delete](#)]



Localizar el archivo perl ***oai.pl***



- [misc.pl \[Delete \]](#)
- [oai.pl \[Delete \]](#)
- [paths.pl \[Delete \]](#)
- [plugins.pl \[Delete \]](#)
- [rdf_license.pl \[Delete \]](#)
- [registration.pl \[Delete \]](#)
- [request_copy.pl \[Delete \]](#)
- [rewrite_url_demo.pl \[Delete \]](#)
- [search.pl \[Delete \]](#)
- [security.pl \[Delete \]](#)
- [session.pl \[Delete \]](#)
- [user_fields.pl \[Delete \]](#)
- [user_fields_automatic.pl \[Delete \]](#)
- [user_fields_default.pl \[Delete \]](#)
- [user_login.pl \[Delete \]](#)
- [user_render.pl \[Delete \]](#)
- [user_review_scope.pl \[Delete \]](#)
- [user_roles.pl \[Delete \]](#)
- [user_search.pl \[Delete \]](#)
- [user_validate.pl \[Delete \]](#)
- [views.pl \[Delete \]](#)
- [views_render_items_example.pl \[Delete \]](#)
- [views_render_menu_example.pl \[Delete \]](#)
- [vlit.pl \[Delete \]](#)

File Directory

- citations
- lang
- namedsets
- static
- templates [Delete]
- themes [Delete]
- workflows

El archivo ***oai.pl*** contiene los parámetros de configuración del protocolo OAI-PMH



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View config file: cfg.d/oai.pl

[View other configuration files.](#)

[View Documentation.](#)

[Edit config file](#)

```
#####  
#  
# OAI Configuration for Archive.  
#  
#####  
#  
# Copyright 2000-2008 University of Southampton. All Rights Reserved.  
#  
# This file is part of GNU EPrints 3.  
# Copyright (c) 2000-2008 University of Southampton, UK. S017 1B3.  
#  
# EPrints 3 is free software; you can redistribute it and/or modify  
# it under the terms of the GNU General Public License as published by  
# the Free Software Foundation; either version 2 of the License, or  
# (at your option) any later version.  
#  
# EPrints 3 is distributed in the hope that it will be useful,  
# but WITHOUT ANY WARRANTY; without even the implied warranty of
```

Vista del contenido
del archivo *oai.pl*

Ingresar a **Editar** para
modificar el contenido
del archivo

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Edit Perl config file: cfg.d/oai.pl

[View other configuration files.](#)

Changes to this file will not take effect until the repository configuration is reloaded or the webserver is restarted.

Reload Configuration

[View Documentation.](#)

Vista en modo edición
activa del archivo *oai.pl*

Edit config file

```
1 #####
2 #
3 # OAI Configutation for Archive.
4 #
5 #####
6 #
7 #
8 # Copyright 2000-2008 University of Southampton. All Rights Reserved.
9 #
10 # This file is part of GNU EPrints 3.
11 #
12 # Copyright (c) 2000-2008 University of Southampton, UK. S017 1BJ.
13 #
14 # EPrints 3 is free software; you can redistribute it and/or modify
15 # it under the terms of the GNU General Public License as published by
16 # the Free Software Foundation; either version 2 of the License, or
17 # (at your option) any later version.
18 #
19 # EPrints 3 is distributed in the hope that it will be useful,
20 # but WITHOUT ANY WARRANTY; without even the implied warranty of
21 # MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
22 # GNU General Public License for more details.
```

Save changes



Edit Perl config file: cfg.d/oai.pl

[View other configuration files.](#)

Changes to this file will not take effect until the repository configuration is reloaded or the webserver is restarted.

Reload Configuration

[View Documentation.](#)

```
34 # OAI-PMH 2.0
35 #
36 # 2.0 requires slightly different schemas and XML to v1.1
37 #####
38
39 # Site specific **UNIQUE** archive identifier.
40 # See http://www.openarchives.org/ for existing identifiers.
41 # This may be different for OAI v2.0
42 # It should contain a dot (.) which v1.1 can't. This means you can use your
43 # sites domain as (part of) the base ID - which is pretty darn unique.
44
45 # IMPORTANT: Do not register an archive with the default archive_id!
46 # $oai->{v2}->{archive_id} = "generic.eprints.org";
47
48 # Base URL of OAI 2.0
49 $oai->{v2}->{base_url} = $c->{perl_url}."/oai2";
50
51 #####
52 # GENERAL OAI CONFIGURATION
53 #
54 # This applies to all versions of OAI.
55 #####
56
```

Se debe modificar la línea
`#$oai->{v2}->{archive_id} = "generic.eprints.org";`
para activar el protocolo





Edit Perl config file: cfg.d/oai.pl

[View other configuration files.](#)

Changes to this file will not take effect until the repository configuration is reloaded or the webserver is restarted.

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[View Documentation.](#)

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39 # Site specific **UNIQUE** archive identifier.
40 # See http://www.openarchives.org/ for existing identifiers.
41 # This may be different for OAI v2.0
42 # It should contain a dot (.) which v1.1 can't. This means you can use your
43 # sites domain as (part of) the base ID - which is pretty darn unique.
44
45 # IMPORTANT: Do not register an archive with the default archive_id!
46 $oai->{v2}->{archive_id} = "mirepositorio.universidad.edu.ar";
47
48 # Base URL of OAI 2.0
49 $oai->{v2}->{base_url} = $c->{perl_url}."/oai2";
50
51 #####
52 # GENERAL OAI CONFIGURATION
53 #
54 # This applies to all versions of OAI.
55 #####
56
```

Save changes



Descomentar la línea, reemplazar **generis.eprints.org** por el *hostname* del repositorio y grabar los cambios



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Recargar la configuración del repositorio para dar curso a los cambios realizados



Se recomienda utilizar la herramienta *Policies Tool* [<http://www.openoar.org/tools/en/policies.php>](http://www.openoar.org/tools/en/policies.php) para definir las políticas del repositorio a intercalar dentro del archivo *oai.pl*