

Open Source Journal System With Reference to OJS

B. Jeyapragash

*Asst. Professor, Department of Library and Information Science,
Bharathidasan University, Tiruchirappalli- 24*

J. Manikandan¹, M. P. Yuvaraj²

¹²II Yr M.L.I.Sc, Bharathidasan University, Tiruchirappalli- 24

Abstract

In this fast moving world everything moves fast, so according to that new lines of online services are emerging day to day. Nowadays people hooked on to online services which provide extra time to think and work, the days are gone for the user to read the journal by page by page by holding them in to the hands. Any new products in online will definitely influence the peoples, for the past years usage of online resource has sky rocketed. Also like the Newton's third law, that everything has its opposite reaction as the cost of the instruments decreasing while the usages of the online resources are increasing. Likewise the usage of the open source software is also increasing. Open source software is just like going social but free of cost. In this line new concept called open journal system. Which is now used by the users world wide.ss

Keywords: Open Source Journal, OJS

Introduction

Since from the innovation of the technology everything just make a jump from traditional to technology, this is what actually happens in the cyber net era. With the help of this technology many new innovative services are emerging, one of such service is open source software movement. Through this movement library can able to accommodate different types of innovative service for the patrons one of such service is the Open Journal System which helps in journal management.

Open Source Software

- The availability of the source code and the right to modify it
- The right to redistribute modifications and improvements to the code
- The right to use the software in any way.
- There is no one with the power to restrict in a unilateral way how the software is used,
- There is no single entity on which the future of the software depends.

Open Journal System

Open journal system is based on open source software which is used as a publishing system as well as for journal management. Since this is open source software which we can use it for free of cost. It can be installed and control locally. This open journal system is developed by the public knowledge project (<http://pkp.ubc.ca/>). An author can track his work by himself from uploading, peer reviewing and publishing.

Public Knowledge Project (<http://pkp.sfu.ca>)

PKP (Public Knowledge project) is non- profit research initiative of the faculty of education by university of British Columbia. Dr. John Willinsky was the founder of this PKP in 1998 in the department of language and literacy method. This system mainly focused on Scholarly communication, research and output, publishing, beyond the traditional method. It developed the open source software for the management, indexing and publishing of journals, monographs and conferences. Open Journal System is one of the software which was developed by Public Knowledge Project. With the collaboration of the Scholarly Publishing and Academic Resources Coalition (SPARC) and the International Network for the Availability of Scientific Publications (INASP), it takes initiative to develop the Scholarly research portals by means of working with the librarians, and academics. It seeks to integrate upcoming standards.

Features of Open Journal System

- OJS is installed locally and locally controlled.
- Editors configure requirements, sections, review process, etc.
- Online submission and management of all content.
- Subscription module with delayed open access options.
- Comprehensive indexing of content part of global system.
- Reading Tools for content, based on field and editors' choice.
- Email notification and commenting ability for readers.
- Complete context-sensitive online Help support.

Open Journal System Version

Two types of versions are available namely OJS 1 and OJS 2 of these two types there are some variations are there, they are:

OJS 1

1. A separate installation is required for each journal
2. There is a absence of reflect print
3. There is a absence of PDF indexing

OJS 2

1. It does not required separate installation for each journal, just one installation but many journals
2. Availability of PDF and Word indexing
3. RSS feed is available.

System Requirements for Open Journal System

Following requirements are essential for the server circumstances:

- PHP support (4.2.x or later)

- MySQL (3.23 or later) or PostgreSQL (7.1 or later)
- Apache (1.3.2x or later) or Apache 2 (2.0.4x or later) or Microsoft IIS 6 (PHP 5.x required)
- Linux, BSD, Solaris, Mac OS X, Windows operating systems

Downloading and Installation of Open Journal System

Downloading the file

The set up file of open journal system can be downloading from the public knowledge project ([Http://pkp.sfu.ca/ojs_download](http://pkp.sfu.ca/ojs_download)). With the above system requirements we can able to install the OJS software.

Installation

After downloading the file from the public knowledge project, the downloaded file has to decompress then the user can easily install the open journal system with the helping hand of the document named as README file which describes the instructions for the installation in step by step manner.

The following are the instructions which are available at the README file.

A. Extract the OJS archive to the location wherever you want in the web documents directory

1. The extracted OJS archive needs to put in the server's folder which can be accessible from the internet.
2. To deploy, the system administer has to give access to a web-accessible archive folder if not, to handle the traffic the user will have to run a server.
3. To run the OJS locally, the extracted archive can be extracted in to Mac OS X Leopard's Apache web server directory; this is for the improvement purpose. Mac OS X Leopard have default Apache Web server, in order to run the Apache web server, web sharing must be turned on in the system preferences panel in Mac OSX. Then, the archive needs to be copied to the `~/[username]/Sites` folder, a location in Mac OSX which is designated for web serving.

B. Just make the following files and directories writable

It is by changing the permission with `chown` or `chmod`

- `config.inc.php` (optional -- if not writable you will be prompted to manually overwrite this file during installation)
- `public`
- `cache`
- `cache/t_cache`
- `cache/t_config`
- `cache/t_compile`
- `cache/_db`

chown and **chmod** are UNIX commands which change or modify the owner of a file or folder and can only be executed by the UNIX OS superuser. The following commands were typed into the Mac OS terminal in the appropriate folder:

```
sudo chmod a+rw config.inc.php
sudo chmod a+rw public
sudo chmod -R a+rw cache
```

The last command uses the **-R** recursion tag and changed the permissions all the subfolders of the cache folder.

C. To store uploaded files (submission files) creating a directory is essential and make this directory writeable and this directory to be placed in a non-web-accessible location (otherwise protected from direct access like via. htaccess rules).

D. To follow the onscreen installation rules just open a web browser (<http://yourdomain.com/path/to/ojs/>)

Already the instructions contains the information which we can able to seen in the README document. The user has to set some of the basic configuration options. Since the configuration option in the database settings are little bit technical so there is a need of system administrator if the deployment is for the university or deployment server.

Other help

If there is any need help in the journal i.e. requesting, the help document is available which is embedded within open journal system and this can be available at (<http://pkp.sfu.ca/ojs/demo/present/index.php/index/help>) After the downloading and the installation process complete an author can create a Journal, he can manage a Journal, Submitting a Work, Reviewing, Editing, and Accepting Submissions Creating and Publishing Issues are possible in this open journal system and this can be done through according to the instructions given in the Open Journal System page

Role and the Process of Editorial in the Open Journal System

Editorial Process

Submission of the journals requires five steps -

- Step 1:** First process is named as Submission queue where the work is assigned to an editor.
- Step 2:** Next step is submission review where the work undergoes for peer review.
- Step 3:** Third step is Submission editing Copyediting, layout, and proof reading
- Step 4:** It is Scheduling Queue where works here assigned to an issue or volume
- Step 5:** It includes Table of Contents where the work ordered for publication and issue published.

Role of editorial



Journal manager who can also act as an editor

Editor Oversees the editorial process, he assign submissions to Section Editors to see through Submission Review and Submission Editing, undertakes scheduling of content and publishing of journal. Submission review are oversees by the **Section Editor** and possibly Submission Editing for assigned submissions.

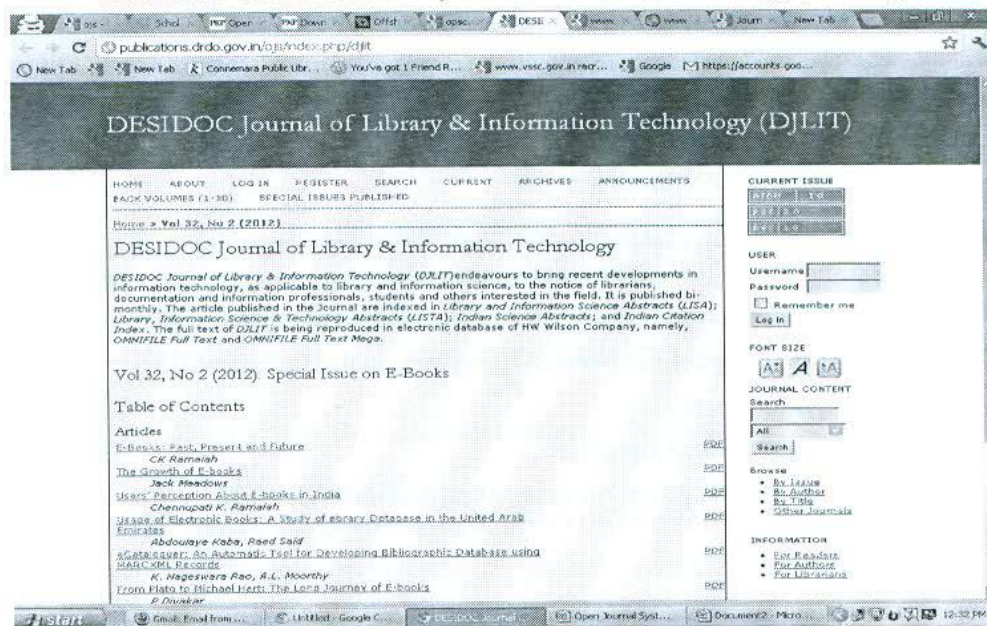
Copy editor helps to improve the work by works with submissions to improve grammar and clarity in the work, raise queries to the author if there is a mistake founded in the work as well as the bibliographic style and the textual style.

Layout Editor Transforms copyedited submission into galleys in HTML, PDF, and/or PS files in the proper format for electronic publishing.

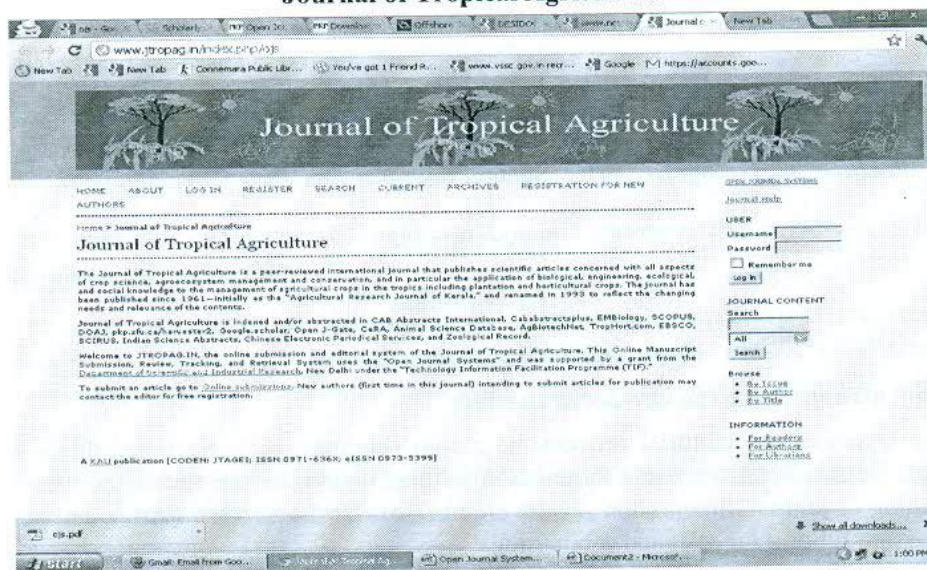
Proofreader Reads galleys for typographic and formatting errors.

An Example Screen Shots of the users who use Open Journal System

DESIDOC Journal of library and information technology (DJLIT)



Journal of Tropical Agriculture



Conclusion

Open Journal System is a boon to the library for giving service to the patrons, it not only provide information to the patrons as well as the libraries but Also increase the knowledge repositories of the particular concern. Through this service the library can able get a wider scope regarding to the service it provide, content it built etc. It helps to create awareness among the libraries about such service is available; also it helps to build the knowledge content for a particular library.

References

- <http://pkp.sfu.ca/?q=ojs>
- http://en.wikipedia.org/wiki/Open_Journal_Systems
- <http://www.inflibnet.ac.in/downloads/brochure/OJS.pdf>
- <http://pkp.sfu.ca/files/OJSinanHour.pdf>
- http://pkp.sfu.ca/files/OJS_Project_Report_Shapiro.pdf
- <http://pkp.sfu.ca/ojs/OJSTechnicalReference.pdf>
- <http://pkp.sfu.ca/ojs/demo/present/index.php/demojournal/article/view/29/31>
- <http://www.ncsi.iisc.ernet.in/ojs-workshop/presentations/Suvarsha-OJS.pdf>
- <http://www.ojs.unisa.edu.au/>
- <http://www.jtropag.in/index.php/ojs>
- <http://publications.drdo.gov.in/ojs/index.php/djlit/article/view/616>