

Managing institute publications using Open Source Tools: Practical lessons in using Open Journal Systems (OJS) for IUCAA publications

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Introduction

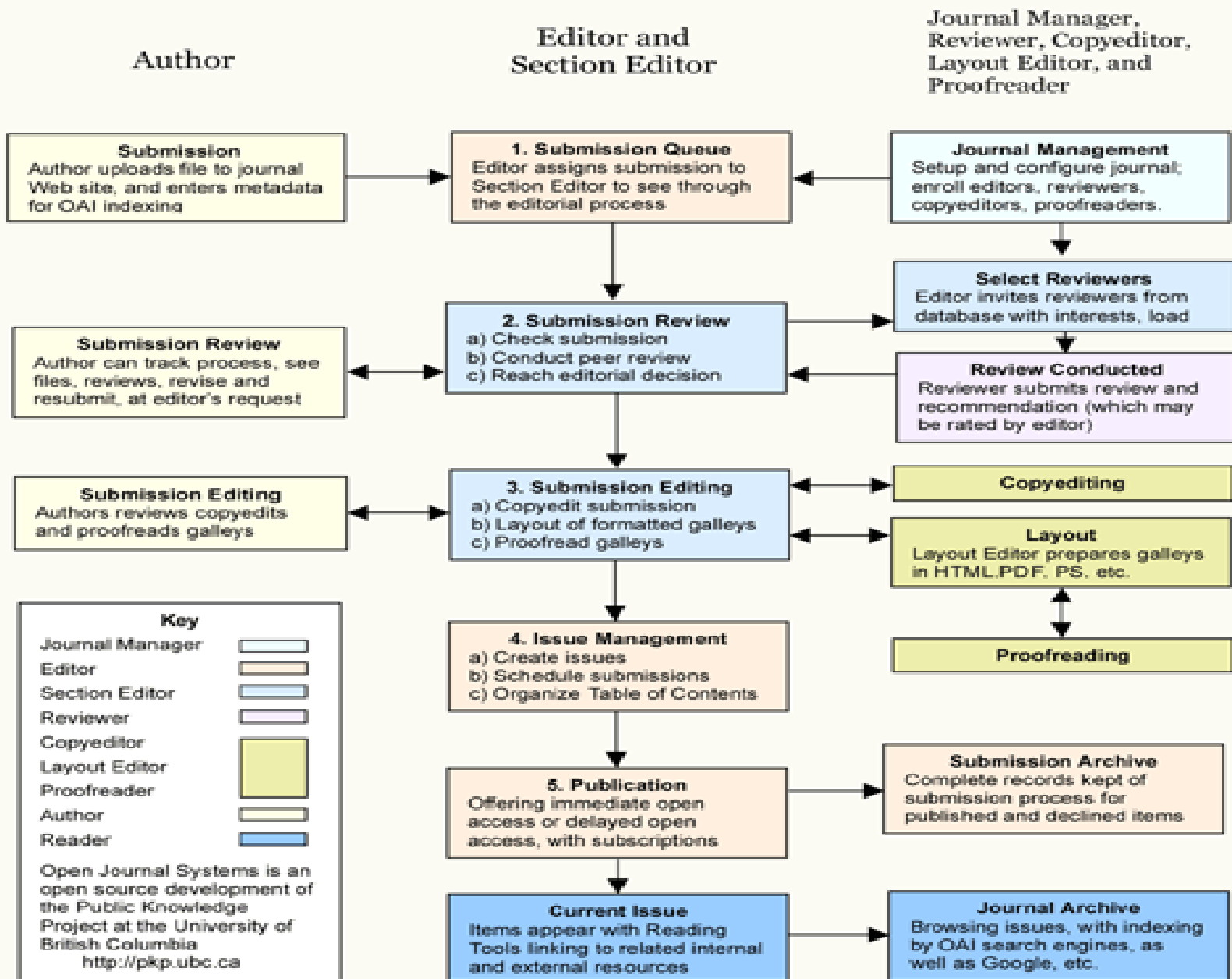
Open journal systems (OJS) was originally developed as a part of the research program of the Public Knowledge Project (PKP) which direct at the University of British Columbia.

OJS is an open source solution to managing and publishing scholarly journals online, which can reduce publishing costs compared to print and other traditional publishing processes.

Open Journal Systems(OJS)

- It is highly flexible editor-operated journal management and publishing system that can be downloaded for free and installed on a local web server
- OJS has been designed to reduce the time and energy devoted to the clerical and managerial tasks associated with editing a journal, while improving the record keeping and efficiency of editorial processes.
- It seeks to improve the scholarly and public quality of journal publishing through a number of innovations, from making journal policies more transparent to improving indexing.

OJS Editorial and Publishing Process



Reading Tools

- Experimental aspect of OJS has been focused on improving the design of the reading environment which online journals create for the content they publish.
- It is true that the most common way of reading articles found online is still to slide the cursor over the print button. However, readers are slowly discovering the advantages of reading online.

Reading Tools

- Reading Tools sit just beyond the margins of the article, looking much like a traditional paper bookmark.
- 20 sets of Reading Tools to cover as many of the academic disciplines , depending on the availability of pen access resources and databases.
- The Journal's editors can reconfigure the Reading Tools to direct readers to further relevant sources.

Journal Indexing

- On submitting a paper to the Journal's website, the author is asked to provide the appropriate indexing information or metadata.
- The indexing in OJS adheres to the Open Archives Initiative Harvesting Protocol (OAI-PMH), which is based in turn, on the Dublin Core Metadata Initiative that utilizes 15 elements.
- OJS supports an extended form of the Dublin Core, allowing journals to have author index.

Publishing Options

- Publishing options for the journal using OJS include the full range of article formats, including PDF, HTML and Postscript.
- OJS also addressing the issue of journal preservation through the use of Stanford University Library's LOCKSS (Lots of Copies Keep Stuff Safe) System, which provides "a persistent access preservation system "involving a number of cooperating libraries.

OJS - Installation

- OJS is designed to cover all aspects of online journal publishing, including the setting up of a journal website; the handling of the author's submission through peer review, and editing; the management of issues and archives; the indexing and search capacities of the journal.
- The software can be downloaded from the public knowledge website(http://pkp.sfu.ca/ojs_download) and installed on a web server with a Linux, Windows Or Unix Operating system, running Apache, PHP and the MySQL or PostgreSQL database.

IUCAA – OJS Project First Phase

- 2006 I attended training program me at IISc, Bangalore.
- Oct 2006 I started working in OJS at Desktop machine.
- Three months I done extensive testing OJS system configuration.
- 2007 onwards I uploading test article gets online published – intranet.

IUCAA – OJS Project Second Phase

- OJS installed server class machine (HP Proliant DL 385)
- OJS system configuration done according our requirement.
- OJS customization done based committee recommendation.
- HTML version article needs data conversion from PDF.

IUCAA – OJS Project Third Phase

- 2008 IUCAA Publication Khagol and Annual Report made available online.
- 2009 OJS base URL is get registered with Open archives.org and Oaister
- PURL is implemented at OJS server
- User registration is made available at online when new issue get published automatically notified to registered users.

OJS IMPLEMENTATION

- PURL – Persistent Uniform Resource Locator (OCLC)
- <http://purl.org/fulltext/khagol/>
- <http://purl.org/NET/fulltext/annual/>
- Open archives – As data providers
(URL: <http://www.openarchives.org>)-29th May, 2008
- OAster - As data Contributors
([URL:http://www.oaister.org](http://www.oaister.org)) – 23th Oct, 2008

OJS at IUCAA

Open Journal Systems - Windows Internet Explorer

http://ojs.iucaa.ernet.in/

File Edit View Favorites Tools Help | Links 4Tests.com - Select an Exam A1 Bollywood Hindi Tamil Telugu Indian Music Videos and News - SmashHits.com Advt

del.icio.us TAG

No. 74 April 2008 ... 0 New Messages Downloading Ope... Open Journal ... x Home Feeds (2) Print Page Tools

Open Journal Systems

HOME SEARCH

Home > Open Journal Systems

Open Journal Systems

Annual Report

This annual report covers the activities of IUCAA during year.

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Khagol

A Quarterly Bulletin of the Inter-University Centre for Astronomy and Astrophysics (An Autonomous Institution of the University Grants Commission)

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00002972

[View My Stats](#) This site is best viewed with Internet Explorer (IE) 7.x @ 1024X768 Pixels

OPEN JOURNAL SYSTEMS

[Journal Help](#)

USER

You are logged in as...

author

- [My Journals](#)
- [My Profile](#)
- [Log Out](#)

JOURNAL CONTENT

Search

All

Done

Start | html | fcs | Internet | 100% | 09:19

URL : http://ojs.iucaa.ernet.in

IUCAA - Khagol

The screenshot shows a Windows Internet Explorer browser window displaying the IUCAA Khagol website. The address bar shows the URL <http://ojs.iucaa.ernet.in/index.php/KHAGOL/issue/current>. The browser's title bar reads "No. 73 | January 2008 - Windows Internet Explorer".

The website header features the "KHAGOL" logo and a navigation menu with links for HOME, ABOUT, USER HOME, SEARCH, CURRENT, ARCHIVES, and IUCAA. Below the navigation menu, the page title is "No. 73 | January 2008".

The main content area is titled "Table of Contents" and lists several articles with their respective page numbers and download links (PDF and HTML):

Article Title	Page Number	Download Links
Announcements		
International Year of Astronomy - 2009	3	PDF HTML
AP, ISSAA and VSP Announcement		PDF HTML
Contents...		
Nineteenth IUCAA Foundation Day Lecture	1	PDF HTML
Glimpses of ICGC 2007	2	PDF HTML
Conference on Measuring Spin and Mass of Black Holes	3	PDF HTML
Workshop on Astronomy and Virtual Observatories		PDF HTML

On the right side of the page, there is a sidebar with the following sections:

- OPEN JOURNAL SYSTEMS**
 - [Journal Help](#)
- USER**
 - You are logged in as... **author**
 - [My Journals](#)
 - [My Profile](#)
 - [Log Out](#)
- Atom 1.0, RSS 2.0, and RSS 1.0 feeds
- JOURNAL CONTENT**
 - Search:
 - Browse:
 - [By Issue](#)
 - [By Title](#)

IUCAA – Annual Report

The screenshot shows a web browser window titled "19th Annual Report 2006-07 - Windows Internet Explorer". The address bar displays the URL: <http://ojs.iucaa.ernet.in/index.php/annual/issue/current/showToc>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar shows various icons for navigation and utility. The main content area features a header for "Inter University Center for Astronomy and Astrophysics" and "Annual Report". Below the header is a navigation menu with links for HOME, ABOUT, USER HOME, SEARCH, CURRENT, ARCHIVES, and IUCAA. The current page is titled "19th Annual Report 2006-07" and displays a "Table of Contents" with the following items:

CONTENTS	
Highlights of 2006 - 2007 <i>T. Padmanabhan</i>	PDF HTML
The Council and the Governing Board *****	PDF HTML
Honorary Fellows and Visiting Professors *****	PDF HTML
Statutory Committees *****	PDF HTML
Members of IUCAA *****	PDF HTML
Visiting Associates of IUCAA *****	PDF HTML
Organizational Structure of IUCAA's Academic Programme	PDF HTML

On the right side of the page, there are links for "OPEN JOURNAL SYSTEMS" and "Journal Help". A user login section indicates the user is logged in as "author" and provides links for "My Journals", "My Profile", and "Log Out". There are also RSS feed icons for 1.0, 2.0, and 1.0 versions. A "JOURNAL CONTENT" section includes a search box and a "Browse" section with links for "By Issue" and "By Title". The browser's status bar at the bottom shows the taskbar with various open applications and the system clock displaying 09:21.

Data Conversion

- Conversion of PageMaker file into PDF
- Conversion of PDF file into Html
- Until Jan 2006, IUCAA publications was limited to the print version only.
- Using Acrobat Adobe Professional, Foxit PDF Editor, ABBYY PDF Transformer software's can be used for Data conversion .

