

D Ruth Holloway

<https://hiruthie.me>

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PROFESSIONAL EXPERIENCE

cPanel Houston, TX
Developer II, 2017—present

- In addition to Developer I duties, participate in larger architectural projects in the cPanel & WHM product to enhance code quality and maintainability in the long term.
- Mentoring Developer I team members, and senior technical support people seeking advancement to Developer I status.

cPanel Houston, TX
Developer I, 2014—2017

- Participated with a team of developers, QA analysts and documentation specialists to design, implement, and deploy new features to the cPanel & WHM web-hosting control panel platform.
- Utilized Scrum process under the guidance of a Scrum Master to build an effective ongoing team dynamic. In the process of learning Scrum, achieved Certified Scrum Master status.

cPanel Houston, TX
Integration Developer, 2013—2014

- Assisted third-party developers with plugin and other development for addons to cPanel & WHM.
- Worked with other developers (both internal and external) to implement and upgrade third-party products in cPanel & WHM.

ByWater Solutions Santa Barbara, CA/Virtual
Lead Migration Specialist, 2010—2013

- Assisted libraries with migration to Koha open source integrated library system with project-management, data migration, and training.
- Created extensive Perl scripts to manipulate data from legacy systems for import into Koha.
- Developed code to correct bugs in Koha, and submit to community for approval and inclusion.
- Assisted in system administration of hosted ILS systems for partner libraries.

Progressive Technology Federal Systems Bethesda, MD
Software Engineer, Open-Source Library Systems, 2009-2010

- Provided technical support for Koha.
- Performed installations of new customer systems.
- Developed code to correct bugs and create new features for customized editions of Koha.
- Developed internal and external documentation for management of large multi-customer hosted environment.
- Coordinated internal deployment of development work for testing, then deployment to customers.

LibLime

Columbus, OH/Virtual

Implementation Specialist, 2008-2009

- Performed installation of new customer Koha systems.
- Coordination of indexing and other automated jobs in Koha.
- Assisted with support and training needs.
- Assisted with requirements of dataloading/conversions team.

Abilene Library Consortium

Abilene, TX

Interim Coordinator/Coordinator, 2007-2008

- Led operations of five-library consortium.
- Oversaw budget and grant income.
- Managed four-person system staff.
- Developed strategic project plans.
- Created RFP responses for potential new consortium customers.

Project Manager/System Administrator, 2002-2007

- Oversaw conversion of Data Reaserch library automation system to Sirsi Unicorn, including hardware procurement, contract negotiations, training, software needs analysis, system policy development, and vendor coordination.
- Created reports and scripts for management of Unicorn system.
- Provided day-to-day support for end-users of Unicorn.
- Provided system management for Solaris server, including backups, hardware replacement, networking, and monitoring.
- Provided training to library staff in use of Unicorn.

Computer Horizons Corporation

Dallas, TX

Consultant (Systems Analyst), 2000-2001, assigned to Honeywell Hardware Product Group

- Coordinated move of multiple OpenVMS and Tru64 UNIX systems to new facility.
- Reviewed and revised hardware and software maintenance contracts.
- Reviewed and updated system management policies, and implemented new policies.
- Located and disposed of surplus equipment via resale vendors.
- Provided day-to-day operation support for multiple OpenVMS and Tru64 Unix systems.

Laboratory Corporation of America

Dallas, TX

Systems Analyst/Senior Systems Analyst, 1997-2000

- Gave day-to-day and emergency support to OpenVMS-driven clinical laboratory applications.
- Engineer, plan and implement longer-range upgrade projects, including operating system, network, and hardware upgrades.
- Worked as a member of Security Team developing specific IS security policies and user security awareness program for HIPAA compliance.

EDUCATION

BA Computer Science, 1993
Abilene Christian University

Abilene, TX

SELECTED PRESENTATIONS

- *API: The Whole Truth*, Sirsi SuperConference, March 2003
- *Taking the Pain out of Reports*, South Central Unicorn Users' Group, October 2003
- *Cheap Thrills: Advanced iBistro/iLink Customization*, Sirsi SuperConference, March 2004
- *A Road Map to the OPAC: Visual Technology for Subject Searching*, Brick and Click Libraries Symposium, October 2004
- *Making Your Life Easier: System Monitoring with Open Source Tools*, SirsiDynix SuperConference, March 2006
- *Taking the Pain out of Reports*, Sirsi Midwest Users' Group, July 2006
- *PATRIOT-proofing your Unicorn System*, Sirsi Midwest Users' Group, July 2006
- *System Administration Boot Camp*, South Central Unicorn Users' Group, November 2006
- *Fear and Loathing: the Perils of iBistro/iLink Customization*, South Central Unicorn Users' Group, November 2006
- *Cataloging for System Administrators*, SirsiDynix SuperConference, February 2007
- *So What Do I Do Now? (API Tips and Tricks)*, SirsiDynix SuperConference, February 2007
- *Serials for the Completely Stressed*, Sirsi Midwest Users' Group, July 2007
- *Serials for the Completely Stressed*, South Central Unicorn Users' Group, October, 2007
- *Cataloging Basics for System Administrators*, South Central Unicorn Users' Group, October, 2007
- *The Nerd at the Head of the Herd*, SirsiDynix SuperConference, April 2008
- *Libraries are **Supposed** to be Relaxing!*, Sirsi Midwest Users' Group, July 2008
- *Cataloging Basics for System Administrators*, Sirsi Midwest Users' Group, July 2008
- *Zen and the Art of ILS Migrations*, KUDOS (Koha Users and Developers of Open Source), May 2011
- *Migration Without Suffering*, KohaCon 11, Mumbai, India, November 2011
- *An Ecological View of a FOSS Community: Koha*, YAPC::NA, June 2013
- *Pluginology 101: Integration using the cPanel & WHM API*, cPanel Conference, September 2013
- *Toward a Truly Multilingual Koha*, KohaCon 2013, October 2013
- *Scrum for One: Organization for the Thoroughly Stressed*, YAPC::NA, June 2015
- *Everyone's a Critic: A Constructive Look at perlcritic*, YAPC::NA, June 2016
- *Reports of Perl's Death Have Been Greatly Exaggerated*, Houston TechFest, September 2016
- *Making Everyone Welcome: Codes of Conduct in Open Source Communities*, Open Source 101, February 2017 (Keynote)

PRINT PUBLICATIONS

"Who ever said that ILS migrations had to be stressful?" In Iglesias, Edward G. 2013. *Robots in academic libraries: advancements in library automation*. Hershey, Pa: IGI Global (701 E. Chocolate Avenue, Hershey, Pennsylvania, 17033, USA).

"7 cool little open source projects that stood out in 2016" In Opensource.com. 2016. *Open Source Yearbook 2016*. Available from Lulu.com at <http://www.lulu.com/shop/opensourcecom/2016-open-source-yearbook-hardcover/hardcover/product-23045360.html>.

"Perl turns 30 and its community continues to thrive" In Opensource.com. 2017, *Open Source Yearbook 2017*. Available from Lulu.com at <http://www.lulu.com/shop/opensourcecom/2017-open-source-yearbook-hardcover/hardcover/product-23552095.html>.

SERVICE

Opensource.com	Virtual
Contributor , August 2015-2018 Columnist , September 2015-2018 Community Moderator , October 2015-2018	
Koha Open Source Project	Virtual
Translation Manager, version 3.12 , October 2012-October 2013 Active code contributor , 2008-2013	
South Central Unicorn Users' Group	TX, OK, AR, LA
Vice President , 2003-2004 President , 2004-2006	

SELECTED RECENT WEB PUBLICATIONS

- "Love for Perl Unites Diverse Community." Opensource.com. August 12, 2015. <https://opensource.com/life/15/8/embracing-diversity-perl-community>.
- "Code Ninjas Earn 'Belts' with CoderDojo." Opensource.com. September 3, 2015. <https://opensource.com/life/15/9/coderdojo-technology-skills>.
- "Taking a Spin with Dancer, the Lightweight Perl Web Application Framework." Opensource.com. September 22, 2015. <https://opensource.com/business/15/9/taking-spin-dancer-lightweight-perl-web-application-framework>.
- "Embracing the Tech World's Open Source Shift." Opensource.com. November 9, 2015. <https://opensource.com/life/15/11/my-linux-story-ruth-bavousett>.
- "Plerd: A Dropbox-Friendly Markdown Blog Platform." Opensource.com. January 22, 2016. <https://opensource.com/business/16/1/plerd-dropbox-friendly-markdown-blog-platform>.
- "LilyPond Scores Beautiful Music." Opensource.com. February 18, 2016. <https://opensource.com/life/16/2/lilypond-scores-beautiful-music>.
- "Computer Science Professor On the Changing Face of Tech." Opensource.com. May 18, 2016. <https://opensource.com/life/16/5/oscon-keynote-mcmullen>.
- "A 5-Step Process for Hiring Tech Talent." Opensource.com. May 19, 2016. <https://opensource.com/life/16/5/oscon-bitnami-erica-brescia>.
- "Build Your Own Artificial Pancreas System To Regulate Insulin Delivery." Opensource.com. May 20, 2016. <https://opensource.com/life/16/5/openaps-oscon-dana-lewis>.
- "Phire CMS: A Feature-Rich, Lightweight Content Management System." Opensource.com. May 20, 2016. <https://opensource.com/business/16/5/phire-cms>.
- "Rumors of COBOL's Demise Have Been Greatly Exaggerated: Meet GnuCOBOL." Opensource.com. June 17, 2016. <https://opensource.com/life/16/6/meet-gnucobol>.
- "Got the Writing Bug? An Introduction To bibisco." Opensource.com. September 16, 2016. <https://opensource.com/life/16/9/bibisco-tool-novelists>.
- "Netflix's Spinnaker Tale" Opensource.com. May 11, 2017. <https://opensource.com/article/17/5/netflixs-spinnaker-tale>.

SKILLS AND EXPERTISE

- Library standards: AACR2, MARC, SRU/SRW, Z39.50, SIP/SIP2.
- Technology: CSS, JavaScript, Perl, SQL, Linux/Unix-like operating systems, (X)HTML, XML, XSLT, , MySQL, PostgreSQL, Koha, WordPress, Git, Apache, cPanel & WHM.
- Certified Scrum Master.