

# Philip J. Hollenback

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## Overview

I'm a senior system administrator and team leader with a focus on DevOps. Recently I moved from being a tech lead to managing a small group of highly skilled people. I love working with Linux and writing scripts to manage large-scale deployment issues.

## Experience

### Yahoo, Sunnyvale CA

**Manager, Release Management - September 2011 to present** I manage a team of three people who are responsible for software releases across all of Yahoo Communications (including Mail and Messenger). My team sets standards for software releases, plans the releases, and pushes the software to production servers. We regularly push changes to 10,000 servers a week. I cover everything from planning our strategic projects to writing perl scripts to analyze install logs. I also coordinate the activities of our Sunnyvale and Bangalore Release Management teams.

*Highlight:* Wrote a series of perl scripts to analyze mail farm software release quality. Trained Release and QA teams to use these scripts to automate release testing, resulting in a 75% reduction in QA support requests to my group.

**Tech Lead, Release Management - July 2008 to September 2011** Responsible for assembling, verifying, and scheduling software releases for approximately 10,000 servers. Develop release and monitoring scripts in Bash and Perl. Perform all types of Linux and FreeBSD system administration from remote installs to performance tuning. Act as liaison between Mail operations and development. Debug and fix large-scale user mail problems.

*Highlight:* Technical lead on year-long project to convert all 7000 mail front end systems to a new rules-based configuration management system. This involved extensive scripting, tracking down dependencies, and validating system installs of several thousand software packages.

### Schrodinger, New York, NY

**Senior System Administrator - August 2005 to July 2008** Support 30 users and 100 mixed Linux, Unix, and Windows servers and workstations. Install, configure, and administer several cluster systems running ROCKS, PBS Pro, and SGE. Install and administer United Devices GridMP grid computing system.

*Highlight:* Planned and implemented office and network move between floors of midtown Manhattan office tower. This included designing and configuring a server room for several hundred systems (including two clusters) with full AC and UPS support.

Schrodinger is a leader in developing chemical simulation software for use in pharmaceutical and biotechnology research.

## **Telemetry Investments, New York, NY**

**Senior System Administrator - July 2003 to August 2005** Administered mixed Linux and Windows environment of 7 users. Planned and installed disaster recovery site. Managed Linux software packaging and migration from Solaris to Linux for servers and workstations.

*Highlight:* Specified and built Linux WAN routers to connect main office to disaster recovery site. These routers connect 4 T1 and 1 T3 line between sites using commodity hardware. Created custom Linux install based on Fedora Core 1 to run on 256MB flash hard drives. I wrote a Linux Journal cover story on this project, see the publications section below for details.

Telemetry Investments is a hedge fund which manages over \$100 million in funds for institutional and private investors.

*previous positions listed in my linkedin profile*

## **Skills**

Proficient in perl and bash scripting for linux system administration. Experienced in administering a wide range of operating systems including RedHat Linux and FreeBSD, with an emphasis on large-scale deployments and automation. Focused on maximizing uptime on production web servers while also deploying code quickly and reliably.

## **Education**

Bachelor of Science in Computer Science from The University of Montana. Emphasis in Artificial Intelligence. Minor in English Literature. Graduated 1996.

## **Associations and Publications**

Active member of the League of Professional System Administrators.

I write technical articles for blogs and magazines such as Linux Journal, emphasizing open source software and hands-on solutions. See [www.hollenback.net/index.php/MyArticles](http://www.hollenback.net/index.php/MyArticles) for details.