



The following paper was originally published in the  
*Proceedings of the USENIX Annual Technical Conference*  
Monterey, California, USA, June 6-11, 1999

## The UVM Virtual Memory System

*Charles D. Cranor and Gurudatta M. Parulkar*  
*Washington University*

©1999 by The USENIX Association  
All Rights Reserved

Rights to individual papers remain with the author or the author's employer. Permission is granted for noncommercial reproduction of the work for educational or research purposes. This copyright notice must be included in the reproduced paper. USENIX acknowledges all trademarks herein.

For more information about the USENIX Association:  
Phone: 1 510 528 8649      FAX: 1 510 548 5738  
Email: [office@usenix.org](mailto:office@usenix.org)      WWW: <http://www.usenix.org>





























