

## Towards a Scalable System Architecture in Digital Libraries

## H. Haddouti<sup>1</sup>, W. Wohner<sup>1</sup>, and R. Bayer<sup>2</sup>

<sup>1</sup>FORWISS (Bavarian Research Center For Knowledge-based Systems)

<sup>2</sup>Technische Universität München, Institut für Informatik Orleansstr. 34, 81667 Munich, Germany {haddouti, wohner}@forwiss.de bayer@in.tum.de

**Abstract.** In this paper we will present the digital library system developed in the framework of the VD17 Project, in which all prints of the 17<sup>th</sup> Century published in the German-speaking area are being cataloged and partially digitized. The intensive use of this system showed that the current architecture suffers from performance problems. Therefore, scalability is of great importance, and in particular the question arises, in which way and through which measures efficiency can be increased. We will describe some principles, which can generally lead to an increase in performance. Subsequently, we will present our scalable system architecture which improves the performance drastically and allows additional partners to join this project.

LNCS 1677, p. 852 ff.

Full article in PDF (56 KB)

Online publication: June 18, 2002 helpdesk@link.springer.de © Springer-Verlag Berlin Heidelberg 1999