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DEVELOPMENT OF MULTIMEDIA SERVICES: OPERATING SYSTEMS AND DATABASES

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Abstract: *The time and synchronization requirements of the complex multimedia data put strong requirements to both operating systems and database management system functionality. This paper presents some specific results applicable to multimedia applications. The suitability...*

KEYWORDS: Multimedia, OS, DBMS

INTRODUCTION

Today's multimedia technology is available on many computer systems. In the field of the desktop computers there are many commercial multimedia application mainly using non-standardized solution [1]. Rapid explosion of the WWW...

1. MULTIMEDIA OPERATING SYSTEMS (MOSs)

1.1 Scheduling

Multimedia data can be composed of various media types such as continuous-media data referred to video and audio streams (Fig. 1), and discrete-media data such as text, images, etc. Integration of continuous-media [2] and discrete-data...

Table 1 - xxxxxxx

$$e_i = E_i(o_i, a_i) \tag{1}$$

Figure 1 - xxxxxxx

REFERENCES

[1] Ralf Steinmetz: "Analyzing the Multimedia Operating System", IEEE Multimedia, Spring 1995, p.p. 68-84.
[2] Abraham Silberschatz: "Operating System Concepts", Addison-Wesley Publishing Company, 4th ed., 1994.