

A customizable collaborative virtual environment on the Web

Portugal, R. C., Guerrero, L. A., & Fuller, D. A. (1999, September). A customizable collaborative virtual environment on the web. In 6th International Symposium on String Processing and Information Retrieval. 5th International Workshop on Groupware (Cat. No. PR00268) (pp. 328-335). IEEE. <10.1109/SPIRE.1999.796611> Accessed 28 May 2022.

Abstract

Collaborative virtual environments (CVE) support the collaboration, communication and social interaction among users in virtual spaces. We present a customizable CVE implemented on top of the Web that allows for the creation of various interactive environments. This CVE is designed mainly, from the perspective of the desk, rooms and hall metaphors. The architecture of our CVE is based on design patterns and integrates a group of tools in order to support interaction among users in both synchronous and asynchronous ways.

Keywords

Virtual environment, Collaborative work, Internet, Java, Web server, Prototypes, Web sites, International collaboration, HTML, TCPIP.