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November 15 2024 04:17

目錄

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Web-based distributed and collaborative 3D animation environment

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摘要

Many applications on the Web require active processing and co-ordination of services. In this paper we describe the design of a distributed 3D animation system built by integrating the Java language, parallel virtual machine (PVM) software, a collaborative mechanism, 3D computer graphics and the Web technologies. To achieve collaborative co-operation and functional independence, session control and system agents are devised in this system. In particular, we propose a simplified collaborative group definition, collaborative policies, and the state of participants to dynamically manage participants in this Web-based distributed environment. Based on our proposed mechanism, the server can efficiently determine the status of collaboration activities.

詳細資料

主題:	Computer networks; Three dimensional computer graphics; Computer programming languages; Computer applications; Virtual reality; Computer software
分類:	C: 723.5 Computer Applications; E: 723.5 Computer Applications; C: 722.3 Data Communication (Equipment and Techniques); C: 723.1.1 Computer Programming Languages; E: 722.3 Data Communication (Equipment and Techniques); E: 723.1.1 Computer Programming Languages (CI); E: 723.1.1 Computer Programming Languages (EA)
會議:	The 1996 on Java in Science and Engineering Simulation; Syracuse, NY; USA; 16-17 Dec. 1996
標題:	Web-based distributed and collaborative 3D animation environment
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通信作者:	Lu, Tain-Chi
出版物名稱:	CONCURRENCY PRACT EXPER
卷期:	9
期:	11
頁面:	1261-1268

頁數:	8
出版日期:	Nov. 1997
出版年份:	1997
出版者:	John Wiley &Sons, Inc , 605 Third Ave , New York, NY, 10016, USA, [mailto:cs-journals@wiley.co.uk] , [URL:http://www.interscience.wiley.com]
ISSN:	1040-3108
來源類型:	會議專題報告
出版物語言:	English
文件類型:	Conference Paper, Journal Article
子檔案:	Computer &Information Systems (CI); Electronics &Communication (EA)
更新:	1998-02-01
登錄號:	314155 (CI), 314155 (EA)
ProQuest 文件識別碼:	27422565
文件 URL:	https://www.proquest.com/conference-papers-proceedings/web-based-distributed-collaborative-3d-animation/docview/27422565/se-2?accountid=12719
最後更新:	2011-11-11
資料庫:	SciTech Premium Collection

連結

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Lu, T., Chiang, C., Lee, C., & Lee, T. (1997). Web-based distributed and collaborative 3D animation environment John Wiley & Sons, Inc , 605 Third Ave , New York, NY, 10016, USA, mailto:cs-journals@wiley.co.uk], URL:http://www.interscience.wiley.com]. Retrieved from https://www.proquest.com/conference-papers-proceedings/web-based-distributed-collaborative-3d-animation/docview/27422565/se-2?accountid=12719