

a bus;  
 an execution environment running a representation of  
 information by an application program running in the  
 computer system to create a plurality of additional  
 versions of the computer model; 5  
 a capture mechanism coupled to the execution environ-  
 ment to capture the plurality of additional versions;  
 a storage coupled to the capture mechanism storing the  
 difference between the first version and each of the  
 plurality of additional versions as a plurality of differ- 10  
 ence vectors as each version is created, wherein each of  
 the difference vectors comprises a plurality of param-  
 eters used to display a distinct representation of infor-  
 mation by the application program, each difference 15  
 vector being context independent of any other differ-  
 ence vector, such that each of the plurality of difference

vectors may be accessed independently of the other  
 difference vectors;  
 wherein the execution environment accesses the storage  
 to obtain at least one of the additional versions by its  
 vector independently of the vectors of any other addi-  
 tional versions and orders said at least one of the  
 additional versions into a temporal sequence, wherein  
 playback of the temporal sequence of versions corre-  
 sponding to the accessed vectors results in presentation  
 of and interaction with said at least one of the additional  
 versions in a live operating environment substantially  
 similar to an environment in which said at least one of  
 the additional versions were created.

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