



[54] SYSTEM AND METHOD FOR CONTROLLING VERSIONS OF OBJECTS IN AN OBJECT ORIENTED COMPUTING ENVIRONMENT

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[57] ABSTRACT

A system and method for controlling versions of selected objects in an object oriented computing system includes a common logical key attribute in each version of an object, which is used to identify all versions of an object. The object frame of each version also includes a unique combination of an insert sequence attribute and an extract sequence attribute. The unique combination of insert sequence attribute and extract sequence attribute allows the selection of a unique version of an object based on time. In order to select one or more versions of an identified object, a version time is converted into a selection sequence value. The selection sequence value is then compared to the insert sequence attributes and extract sequence attributes in order to select at least one of the versions of the selected objects. Each version may also include a perspective attribute for providing another selection criteria for selecting one or more versions of an object.

28 Claims, 8 Drawing Sheets

