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(57) Abstract :

A method of providing data synchronization in a data processing architecture including a data store (1) a client server or web server system for accessing said data store (1) and at least one possibly heterogeneous external system independent of said data store (1). A version merge mechanism handles concurrent update of a given user data in said data store (1) occurring when said data are simultaneously modified by the user and by other processes operating on said external systems. A particular feature of said method is that user related data including data from the external systems are saved without risk of loss even if the user has started a user session and is still working on it and user session is not forced to be saved until the user decides so. A system is described with a system architecture that suits the disclosed method. Several system configurations and typical use scenarios are provided.

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