Abstract

Data base and its implantation through various means, always demand the security of data which is stored in it. From viewpoint of security from earlier days the DBA stores the data at different levels and level is available to the concerned person only. The data with the highest level of security is also termed as persistence data. Some authors also consider the term persistence as proper means of storage and retrieval of data from the storage devices. During this storage and retrieval the overlapping of code for verification of user make it implementable as cross cutting concerns. In this paper we provide the inside scene for implementing persistence as an aspect so that it can be embedded with phases of software development and can be reused when needed.

References

Implementation of Persistence as an Aspect

- R. Elmasri and S. B. Navathe, 2000. Fundamentals of Database System (3rd ed); Addison-Wesley,
- S. Clarke, 2000 "Designing Reusable Patterns of Cross-Cutting Behaviour with Composition Patterns", OOPSLA Workshop on Advanced Separation of Concerns.
- S. Clarke and R. J. Walker 2001 "Composition Patterns: An Approach to Designing Reusable Aspects", ICSE.
- T. Elrad, R. Filman and A. Bader (eds), 2001 "Theme Section on Aspect-Oriented Programming", CACM, 44(10).

Index Terms

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