

ENHANCED DATA ACCESS LAYER (EDAL)

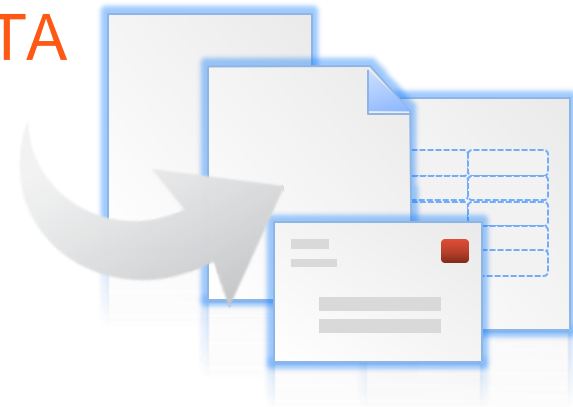
AN ENHANCED ACCESS TO DATA

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INTRODUCTION

- DAL, a software layer that provides simplified access to data
- Data is stored in persistent database of multiple vendors
- Access layer acts as an intermediate to perform operations onto different DB.
- Allows a higher level abstraction to the DB



WHY ENHANCED DAL?

- A number of databases, by a number of vendors
- Orthodox Approach, requires distinct connections to each database
- EDAL aims to provide a technique to simultaneously access data from different DB
- By means of a single operation; applicable to all major databases



PROJECT DESCRIPTION

- The application layer will require a user to perform operation (queries)
- Operations are in lame language
- Operations are then parsed into a database dependent query
- Database dependent query is then fired upon the specific DB



PROJECT ADVANTAGE

- Integration: Connect through databases of different vendors
- Automation: Translation of DB independent operation
- Unification of DB: Queries of a single format will run on every database
- Abstraction: An abstract layer that provides connection to different DB.



*Thank
you*

