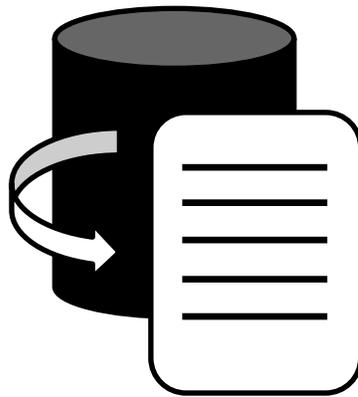


Easy DAL

By IdeaJay

Version 1.0.0



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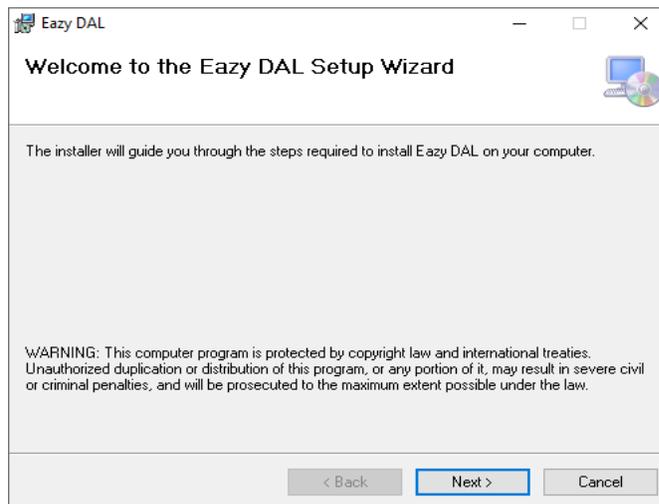
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What is Easy DAL?

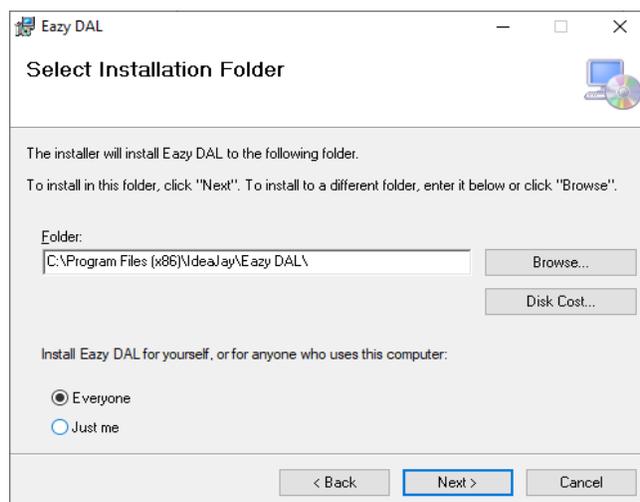
Easy DAL is windows based software that can be helped to create a Data Access Layer within a few seconds based on your Database that is already created in Microsoft SQL. After successful Data Access Layer (DAL) creation, you will be able to start or update the codings based on the files that were created using Easy DAL.

How to install?

First, visit <https://ideajay.com/downloads/#EazyDAL>, download the Eazy DAL, double click the setup file and click next.



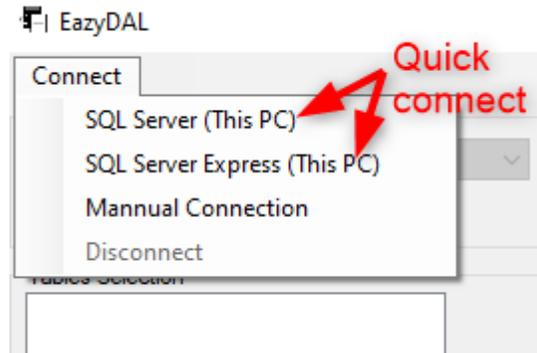
In the next window, please select the folder that installation needs to be done.



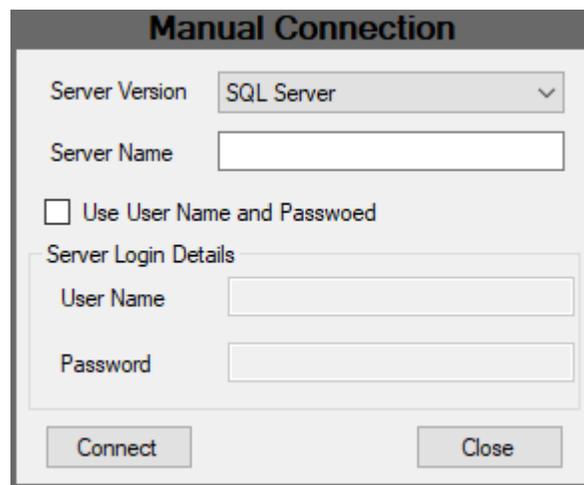
Finally, click next and finish the installation.

How to work with it?

After successful installation, it will be creating a desktop icon and start menu item. First you have to connect into a database. There are two options as Quick Connect and Manual Connect. When you use quick connect, the application will be connected to the SQL server or SQL server Express Database that is already configured in local PC/laptop. Using manual option users will be able to connect any instance of SQL Server.



Manual Connection



1. Select server version /Type (SQL server or SQL server express)
2. Enter Server Name (if you wish to connect to a local DB enter the value as .)
3. Enter User Name and Password of the SQL server instance
4. Click the connect button. If all success, you will be focused in to a main form

After successful connectivity, the main form will be activated as follows.

Using the above form, users will be able to create a Data Access Layer (DAL) in one click. For that, please select the relevant options, information and click the Create button. It will create the Base classes, Derived classes and stored procedures related to the selected tables.

Property / Field	Description
Main Information	
Database Name	It displays the list of databases that are already in a connected SQL server instance. Users can select the database that they are going to create the Data Access Layer. After the selection, it will list down all the tables in the selected DB in the left hand side white box which is in Table Section . Users can add or remove the tables that they use to create the DAL into the right hand side white box which is in the Table Section .
Language	This will support for two languages (C#.net and VB.net). Users will be able to select the language they want.
Version	User will be able to select versions of selected language
Name of the Namespace	Name of the Namespace that related to the project / functionality
Creating By	Name of the person who going to create the DAL
Common Property Details	Common properties that you want to add for each classes which going to create under the names of selected tables Ex. Connection string, User Id
Procedure and Methods	
All Fields	It is not editable and indicates that all the fields of the selected tables are taken to create the Data Access Layer.
Get Property	Whether classes need to contain Get method for the properties
Set Property	Whether classes need to contain Set method for the properties
Retrieve with dataset	Whether classes need to contain with a method to retrieve all the data in

Method	the tables
Insert Method	Whether classes need to contain with a method to insert the data into tables
Update Method	Whether classes need to contain with a method to update the data into tables
Delete Method	Whether classes need to contain with a method to delete the data from tables
Direct Query	Whether the database query that used to get, insert, update and delete to be included within the class as a DB query
Stored Procedures	Whether the database query that used to get, insert, update and delete, to be included as Stored Procedures. It contains two options. Users will be able to get related Stored Procedures as separate text files or direct create within the relevant database . Note : When a user selects the option ' Direct Create in Database ', the database should have the relevant permission to create those procedures.
Save Details	
Path to create DAL	User will be able to browse / select the folder or location that need to be created the relevant DAL classes and stored Procedures
Base Class	Path that going to be created the Base class collection
Derived Class	Path that going to be created the Derived class collection
Stored Procedure (txt)	Path that going to be created the Stored Procedure collection as text files