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Edge Diagrammer help

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Overview

1.1
Purpose

The Edge diagram tool allow users to create SQL documentation and queries with ease. It also allows the user to define relationships and keys, all essential to database development. It also gives the ability to read in previously made .edg and .xml files. It allows the user to skip the database and documentation level to jump right into database app development

2.0
File I/O

2.1
Opening An Edge File

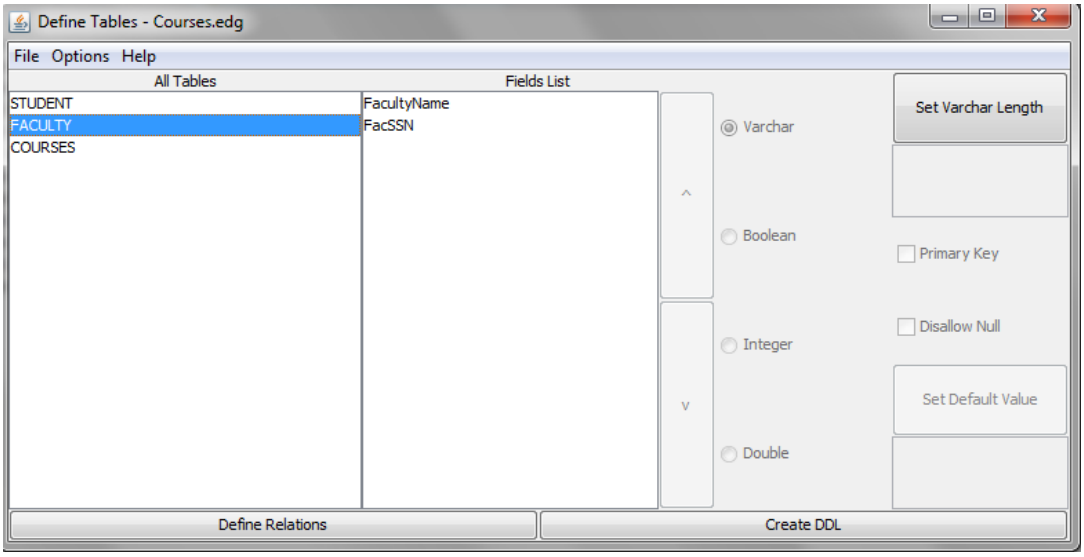
To begin using the DDL converter an Edge file must be opened. An Edge File has the extension .edg. The process can be started by clicking File > Open Edge File and then using the file explorer that opens up to locate the file. After clicking Open the file will be imported

3.0
Setting SQL data types and parameters

3.1
Setting SQL data types

In order to manipulate SQL data types you must first open an existing edge file (see section 2.1). Upon opening the edge file you will be presented with all the names of

tables specified in the edge file. If you mouse click on one of the tables in the list, you will be presented with a list of fields in the selected table, as shown below



Once desired table is selected, you may then select the filed of which you wish to modify the data types for. You may also use the arrow keys adjacent to the field list to navigate through the fields.

Once desired field is selected you may select the data type you wish by using the adjacent radio buttons for the corresponding data types. In the case of selecting “varchar” you may set the desired length by selecting the “set varchar length” button and entering desired number value.

3.2
Setting keys and default values

In order to set primary or foreign keys follow steps in 3.1. Then select desired field and click either the “primary key” or “foreign key” check box.

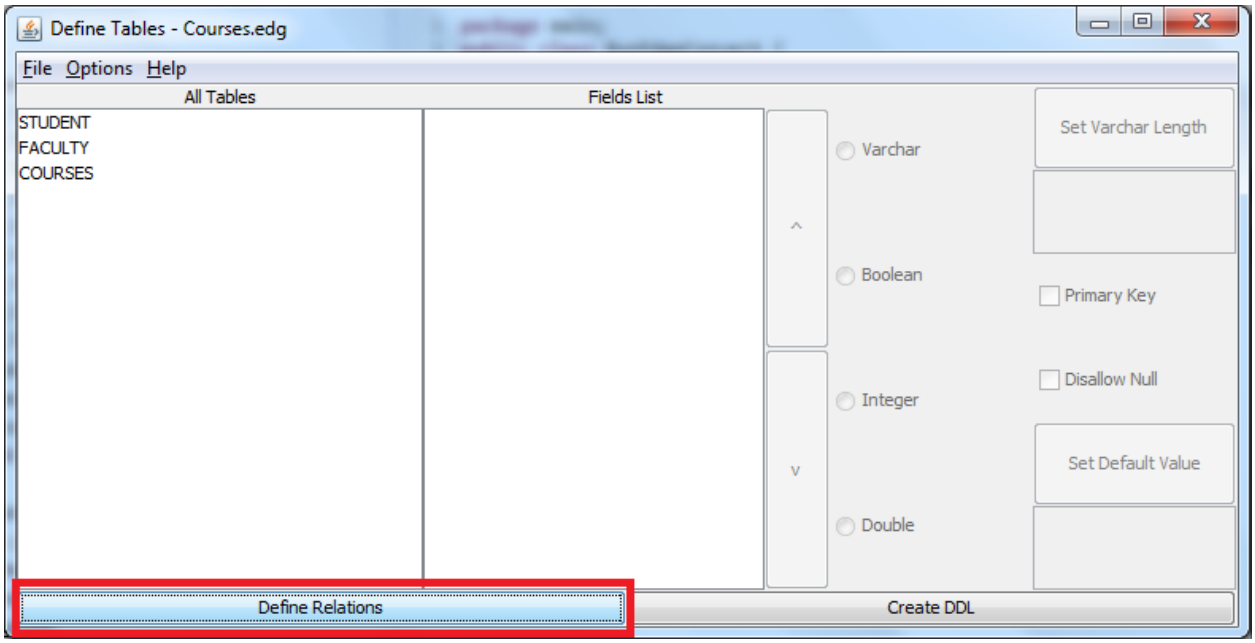
With this system you may also set default values and a “disallow null” option. in order to set default values follow steps in 3.1 and click “set Default value” button. Enter desired value and the value you entered should show up in the corresponding text box, confirming your selection.

To disallow null, which is the same as the “NOT NULL” in SQL follow steps in 2.1 and select the “disallow null” check box.

4.1

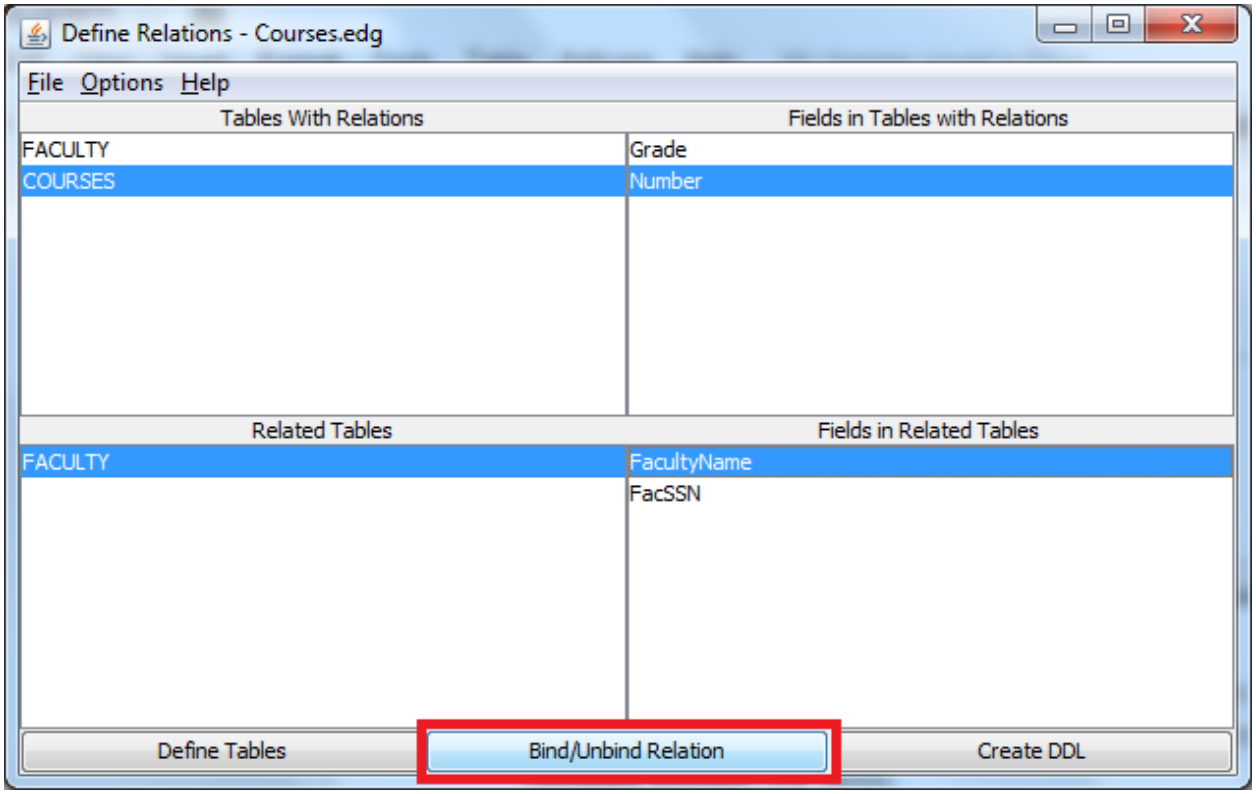
Define Relations

To begin defining relationships the Define Relations window must be opened via the Define Relations button at the bottom left.

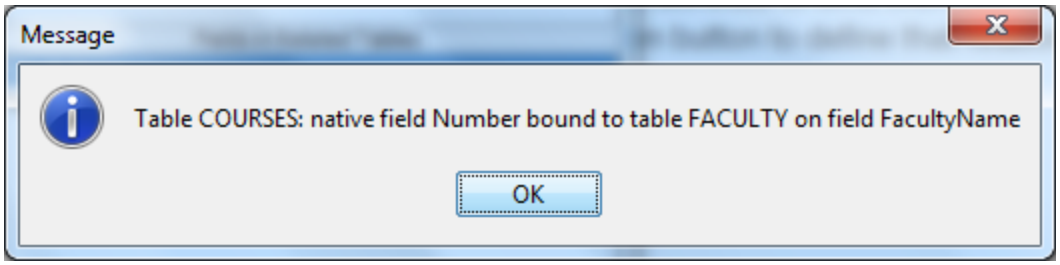


4.2 Bind a Relation

Once the Define Relations window is opened, in the left windows select the two tables that you wish to have a relation to bind and select the attribute to bind them on. Once the attribute has been selected, click the Bind Relation button to define that relationship.



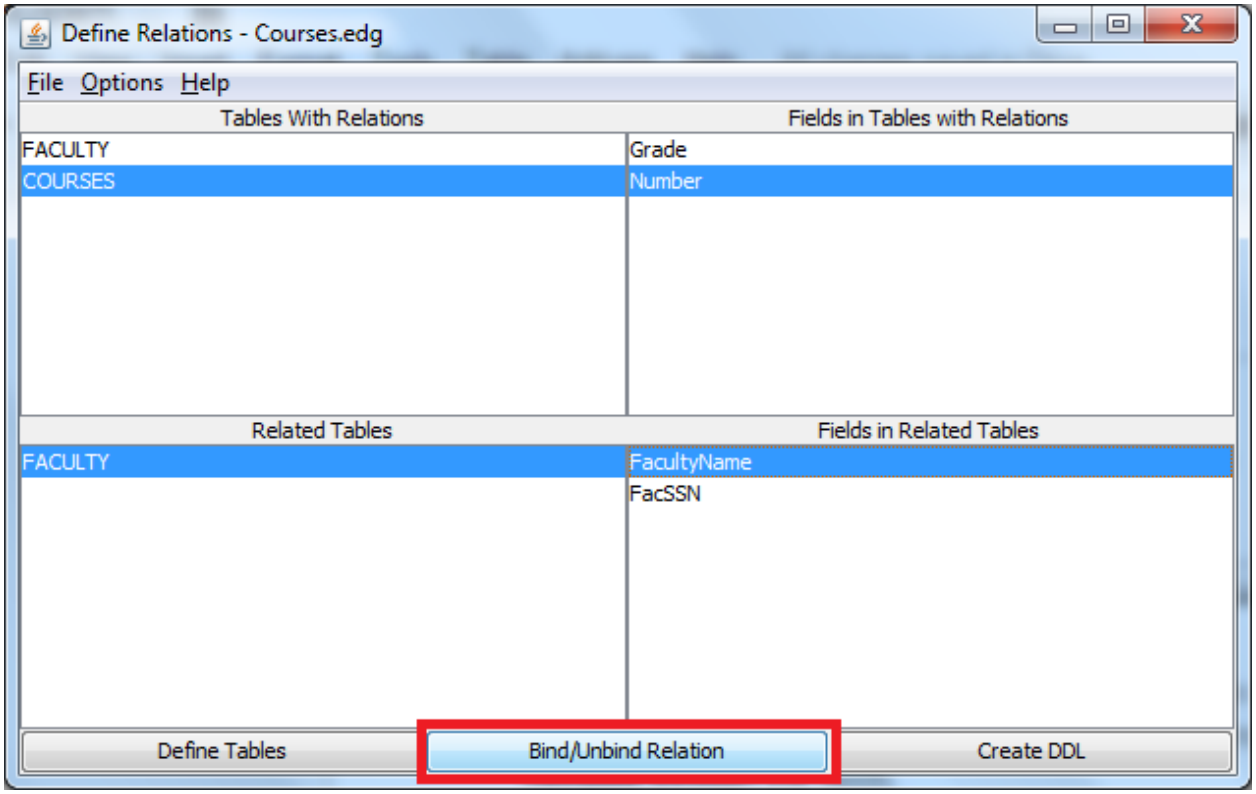
Assuming the bind was successful, a message will appear stating the changes to the tables.



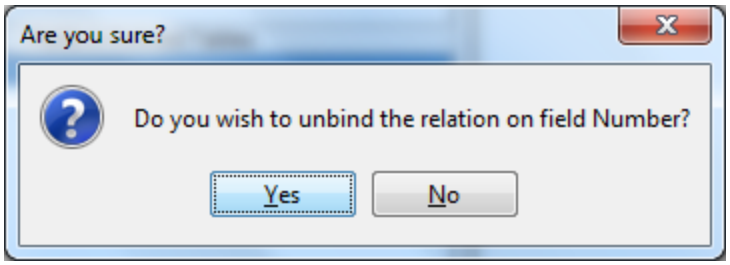
4.3

Unbind Relation

To unbind a relation the Define Relations table must be open. Select both attributes that you want to unbind and hit the unbind relation buttons.



Assuming the relationship has already been bound, a confirmation message will appear.



Select Yes to confirm and the relationship will be unbound.