



Thank you for choosing to evaluate justQuery™.

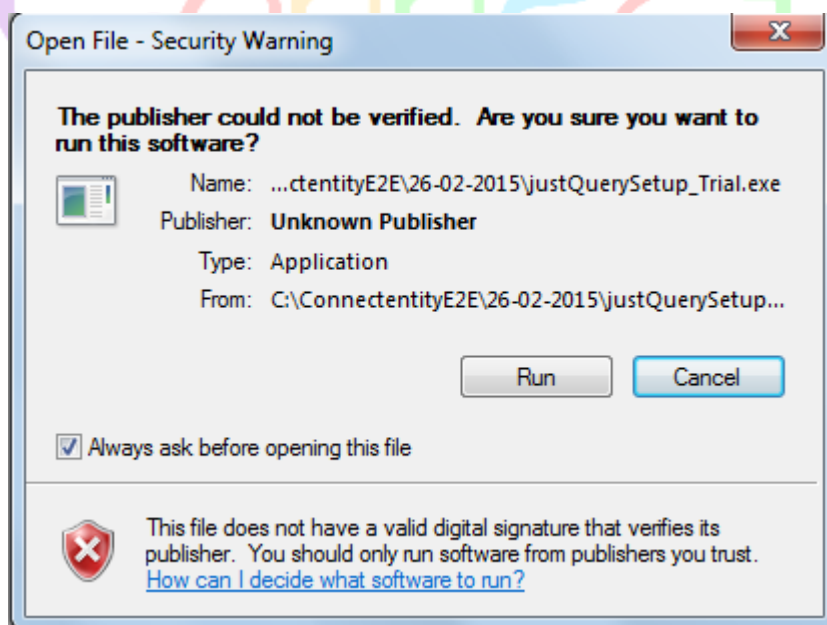
PS: This trial copy works for 30 days and after that, if you still want to use it, you have to purchase it. Please write to info@connectentity.com.

This document will give you step by step instructions of how to install the software and use it.

(It is assumed that you have downloaded the software from www.connectentity.com by agreeing to the privacy and EUL agreement & after the download, you have unzipped the folder).

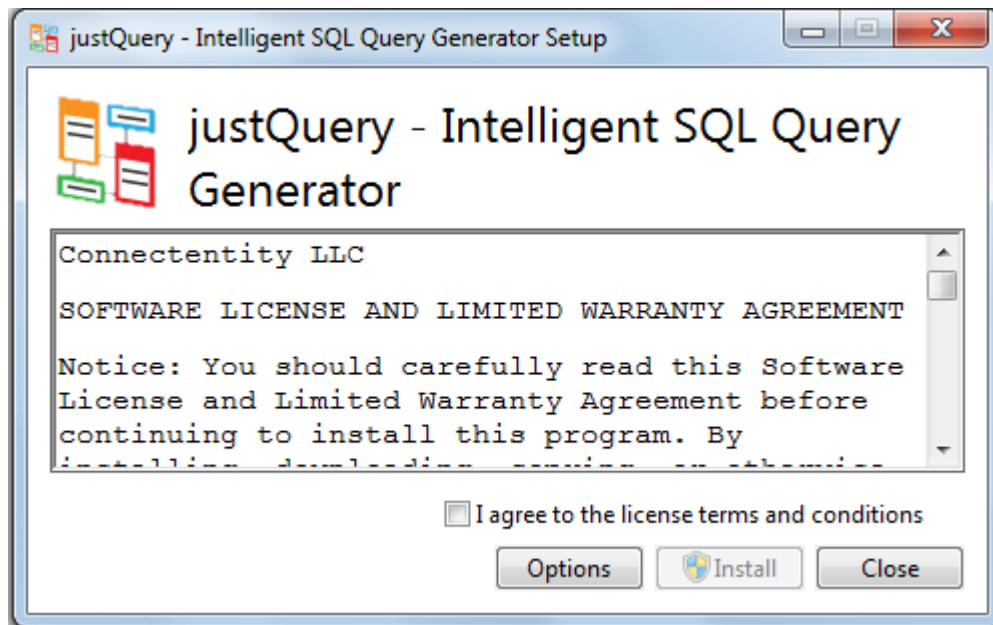
1. Double click on  justQuerySetup_Trial

2. The following window appears



Click on "Run".

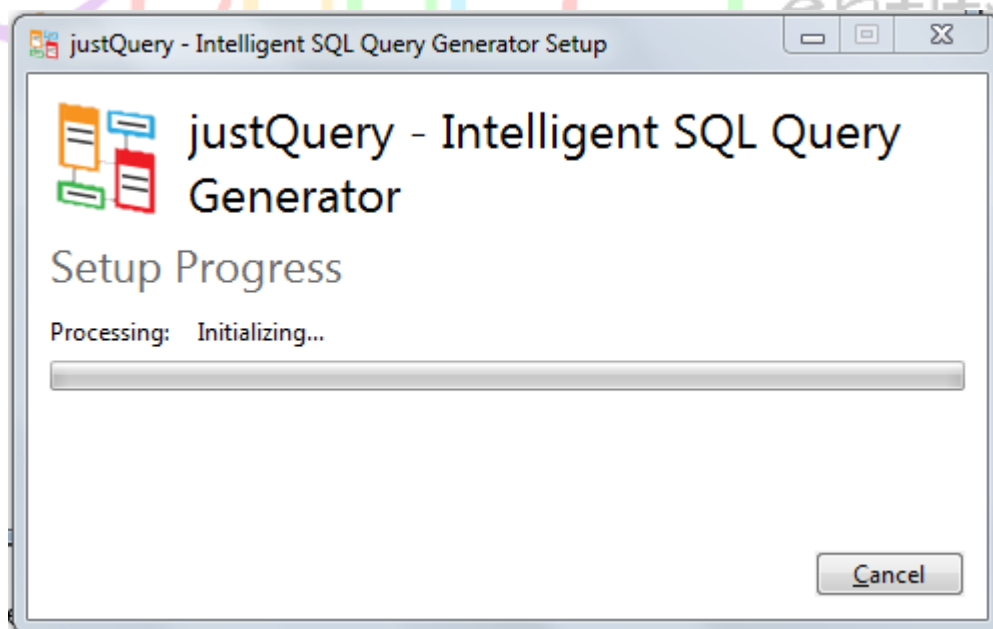
3. The following window appears



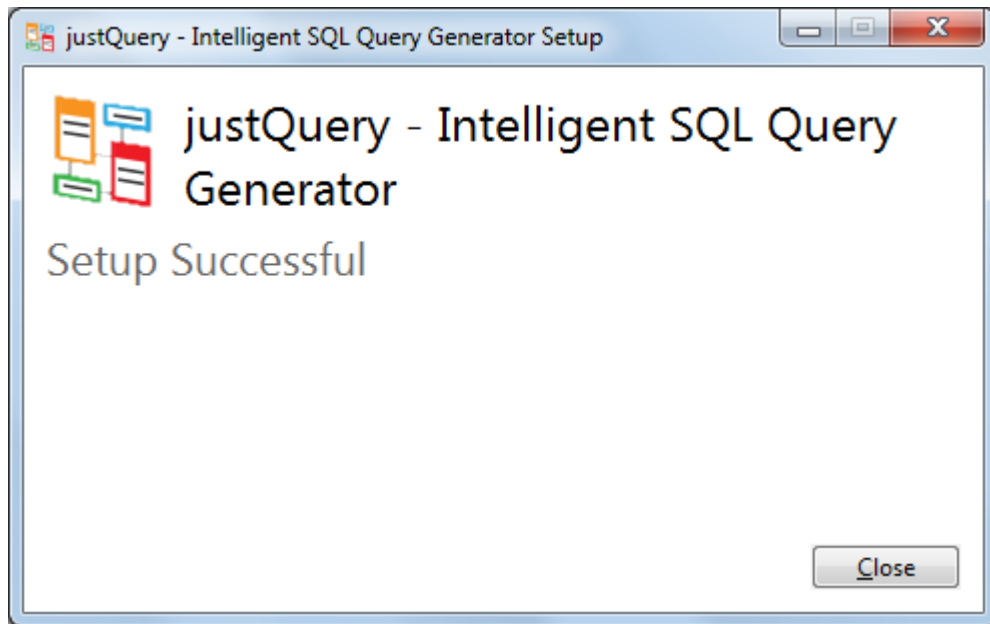
Read the agreement and Select the "I agree to the license terms and conditions" statement.

Click on "Install" to proceed further.

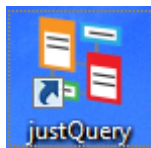
4. Click "YES" on the user account control window.
5. Install will start and the progress bar is displayed.



6. The installation may take couple of minutes and once the installation is done you will find a setup successful screen like the below

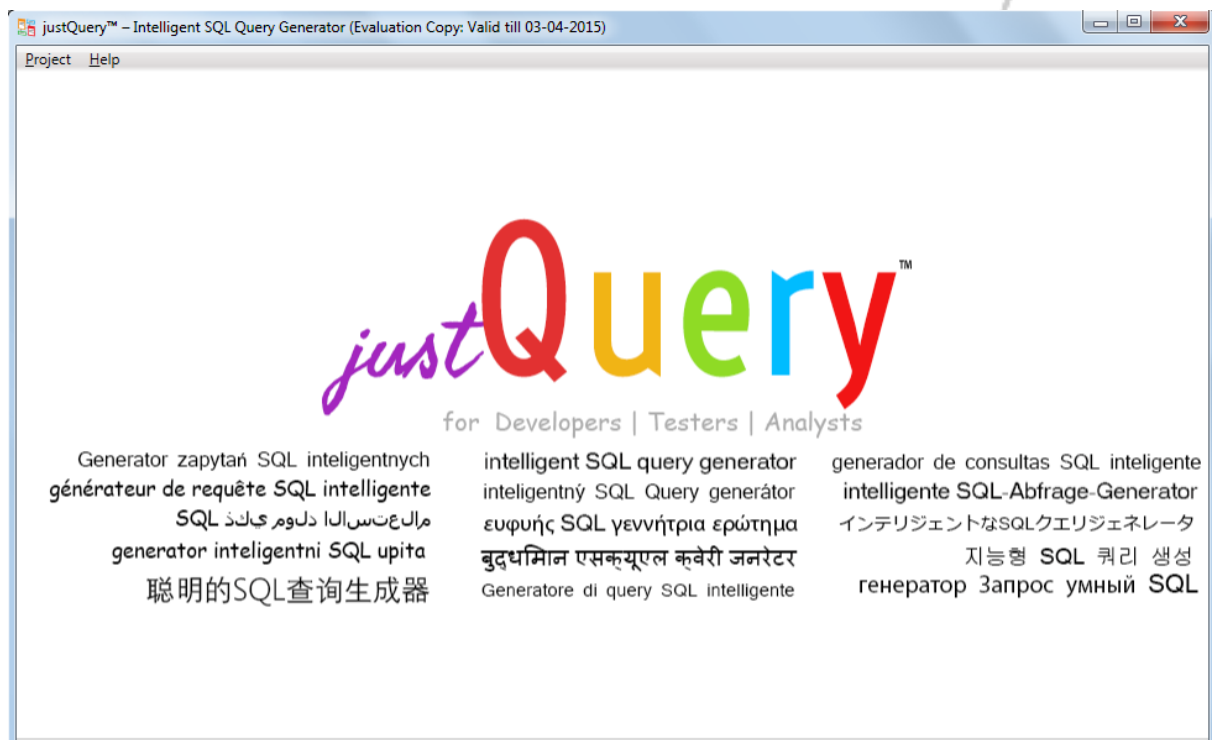


7. Post the successful installation , you will notice “justQuery” icon on your



desktop , & in the program bar . You can click any of the shortcuts to initiate the application.

8. After you click the shortcut, the program launches and gets you to the landing page



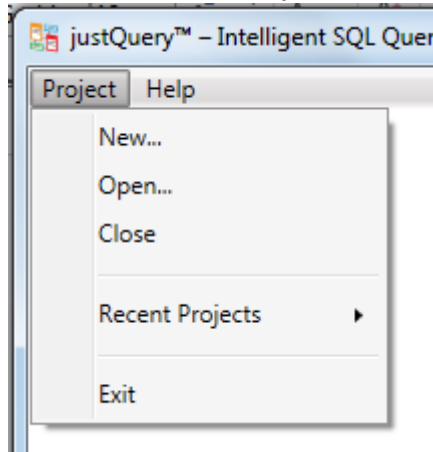
On this landing page , you will notice on the windows title bar, the end date of evaluation copy.

Also you notice, two menu items.

One is "Project" used to create justquery project files.

The other is "Help".

9. Now click on "Project" menu option to expand it.



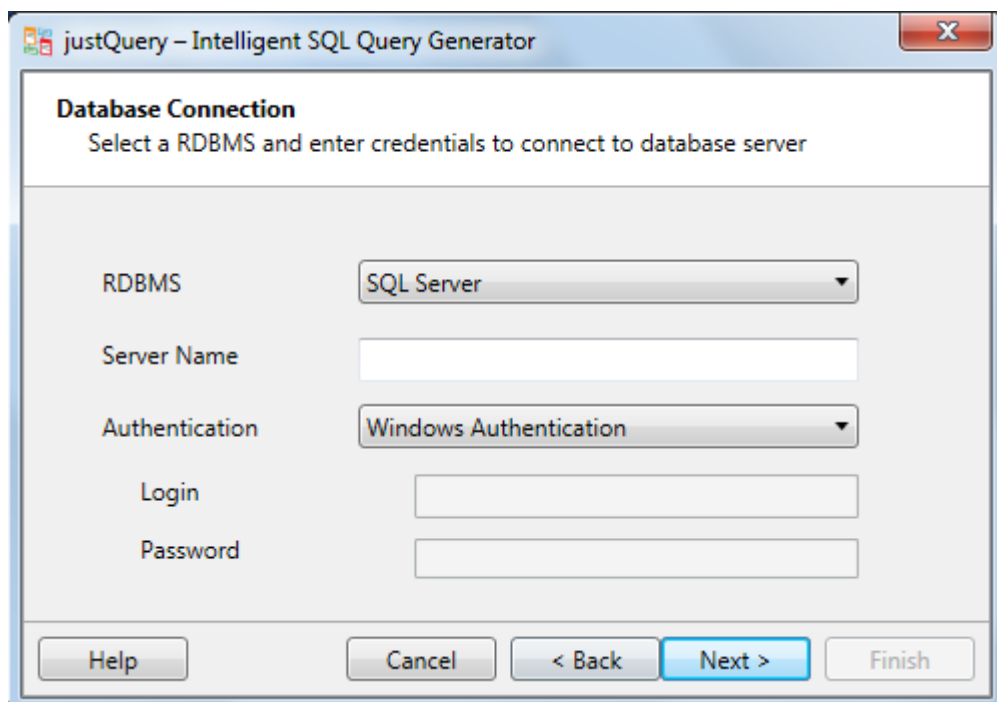
10. The Sub-menu options are described below

- a. New ... : This option allows you to create a new justquery project file. The project file will store your selections and the schema information of your database.
- b. Open .. : With this option you can open a previously created project file. Use this to avoid repeat connections to database, if you are planning to work with the same database. However , if your database schema has changed, it is recommended you create a new project file , which contains the latest schema.
- c. Close : This option closes the open justquery project files and gets you back to the landing page.
- d. Recent Projects : This will show you all your working project files. You have an option to clear the project list as well.
- e. Exit : Closes the application.

11. Let us select "New" to create a justqueryproject file.
After you select "New" the justquery project creation wizard appears

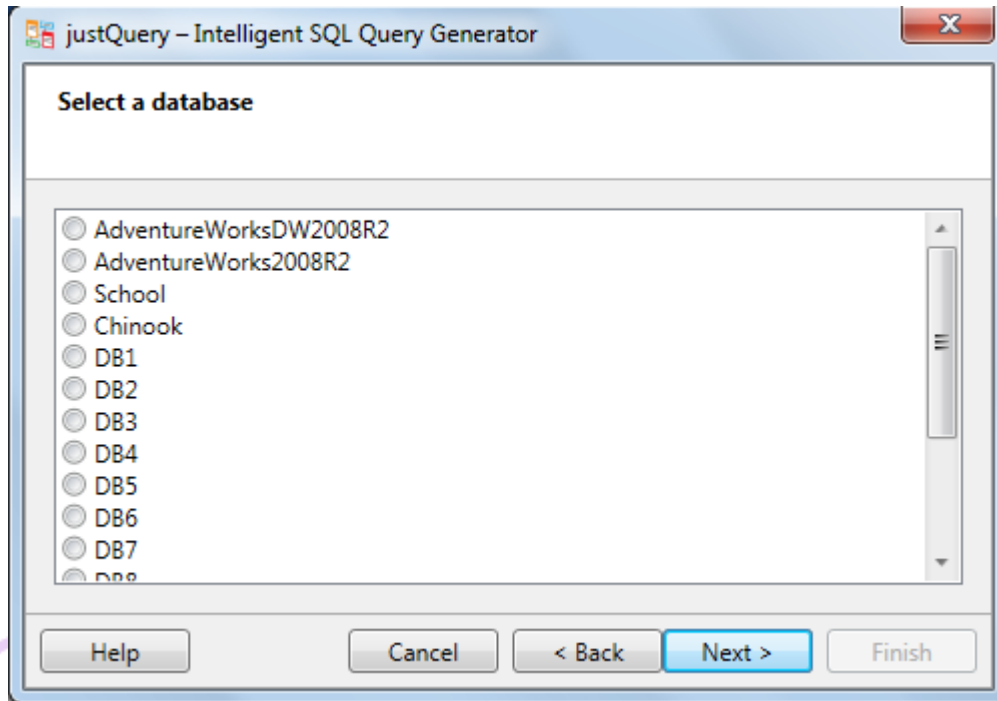


12. Click Next.
13. Database connection window appears wherein you have to enter the server name and database login credentials. justQuery would use the server name and the credentials to connect to the server.

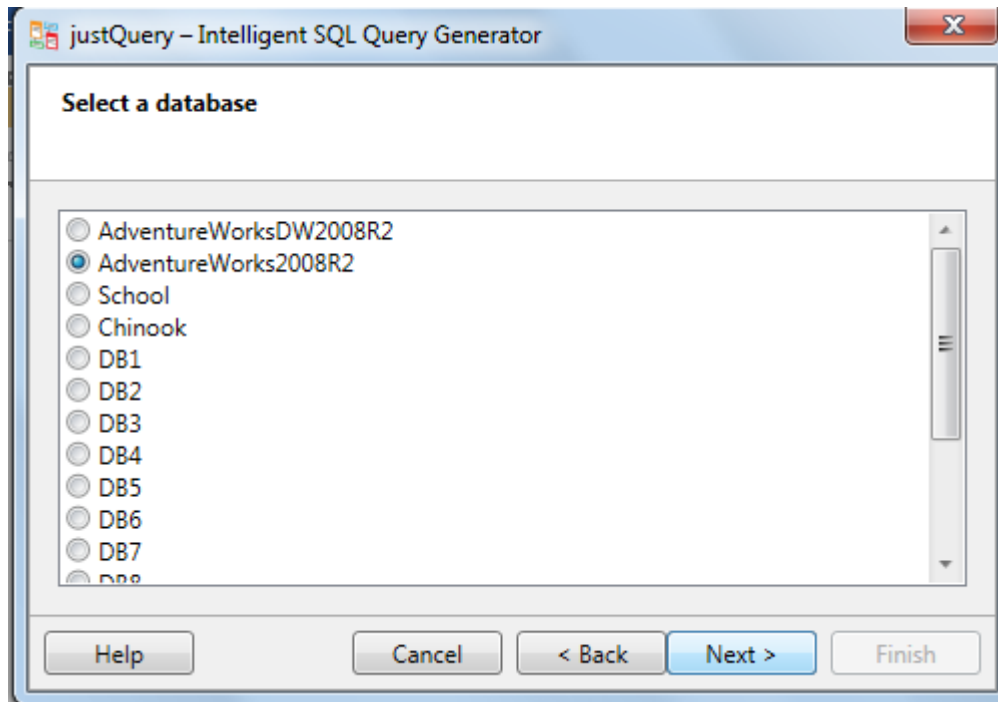


After entering the required details click on Next.

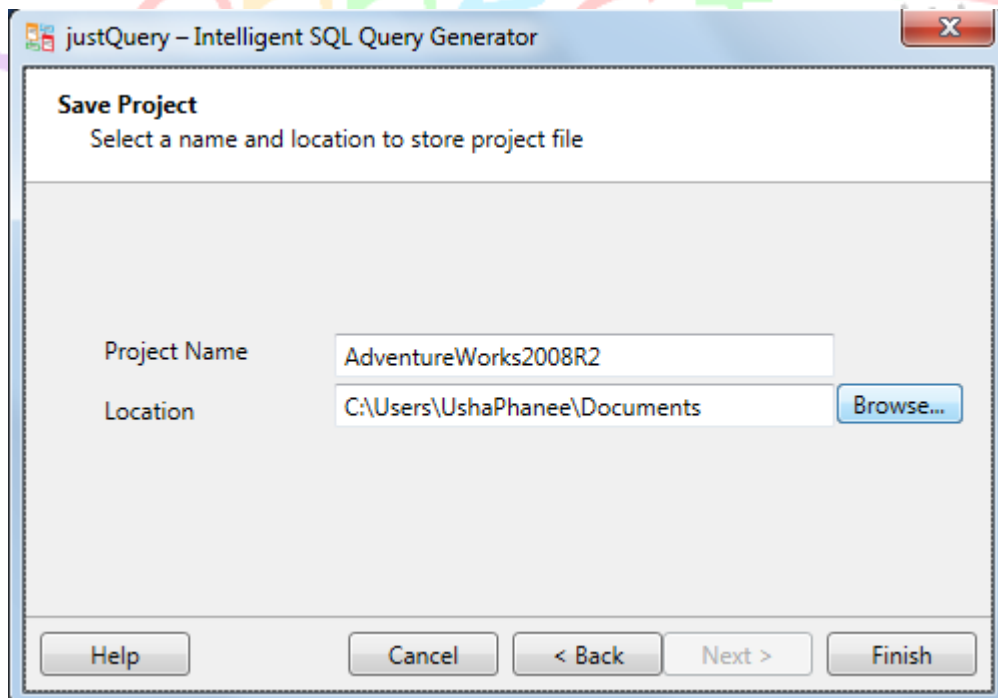
14. Based on the permission the login has, a list of databases are displayed like this.



15. Select a database by clicking on the radio button against it and click Next.



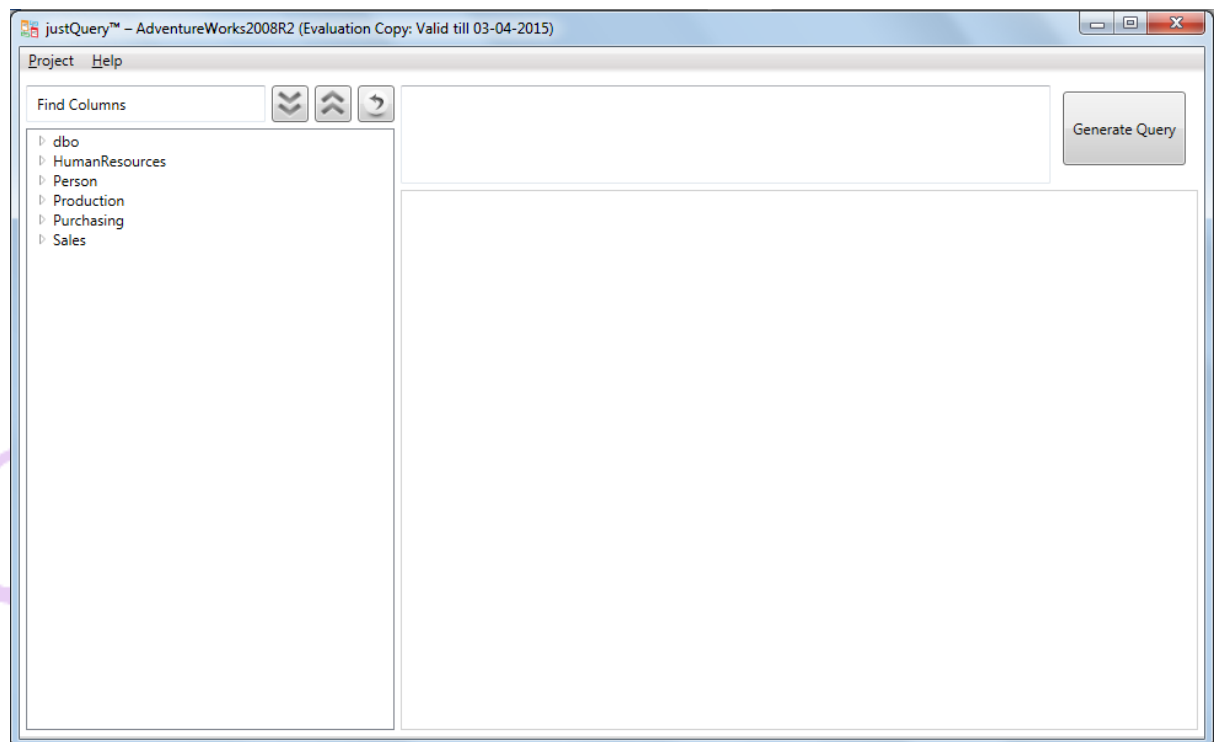
16. Save the project wizard appears. Select the projectfile name and the location you want to store the project file.



PS : If there is already a project file with the same name existing in the folder, an alert is raised. You can either go ahead or change the folder or change the project file name accordingly.

Click on Finish.

17. Now a working window appears, where you can now generate queries for your needs.



Let us assume, we are working on Microsoft SQL Server sample database "AdventureWorks".

Its schema is displayed on the left pane.

Use the button  to expand the schema tree.

Use the button  to collapse the schema tree.

Use the button  to clear your selections.

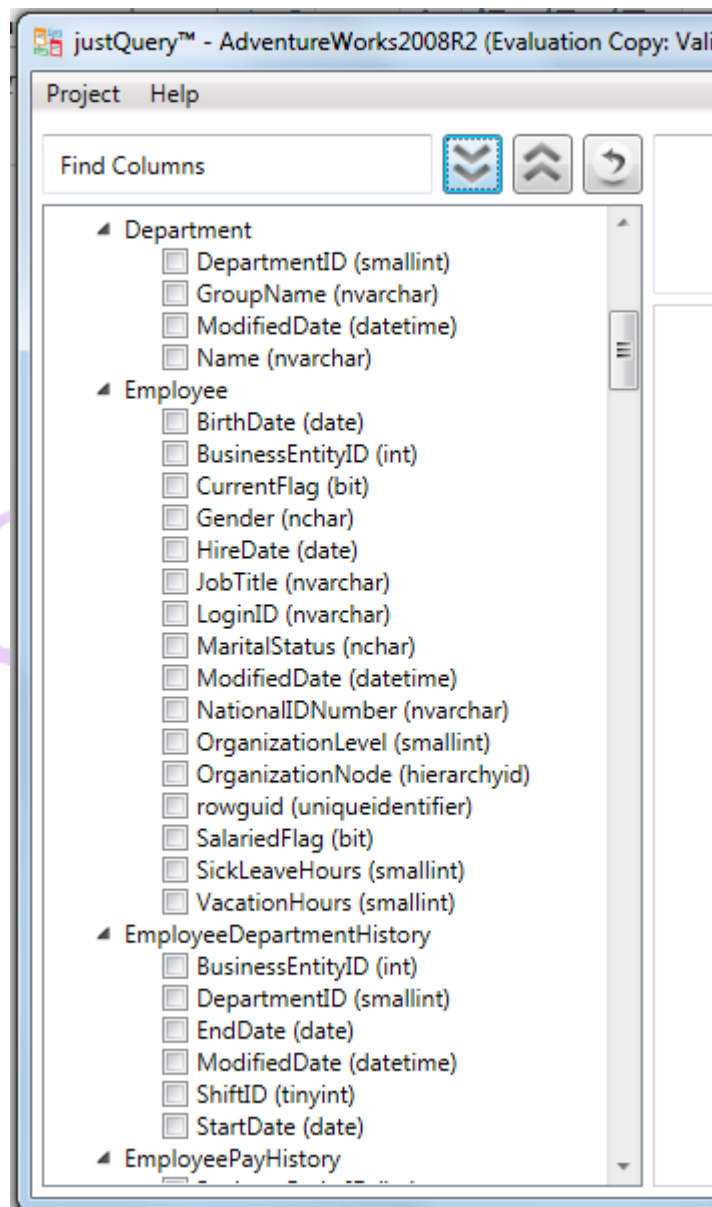
Find Columns

You can use to do a quick search for a column name. You need to type in the text box and all those columns which contain the search word will appear in the schema tree.

Now lets, expand the schema tree by clicking on

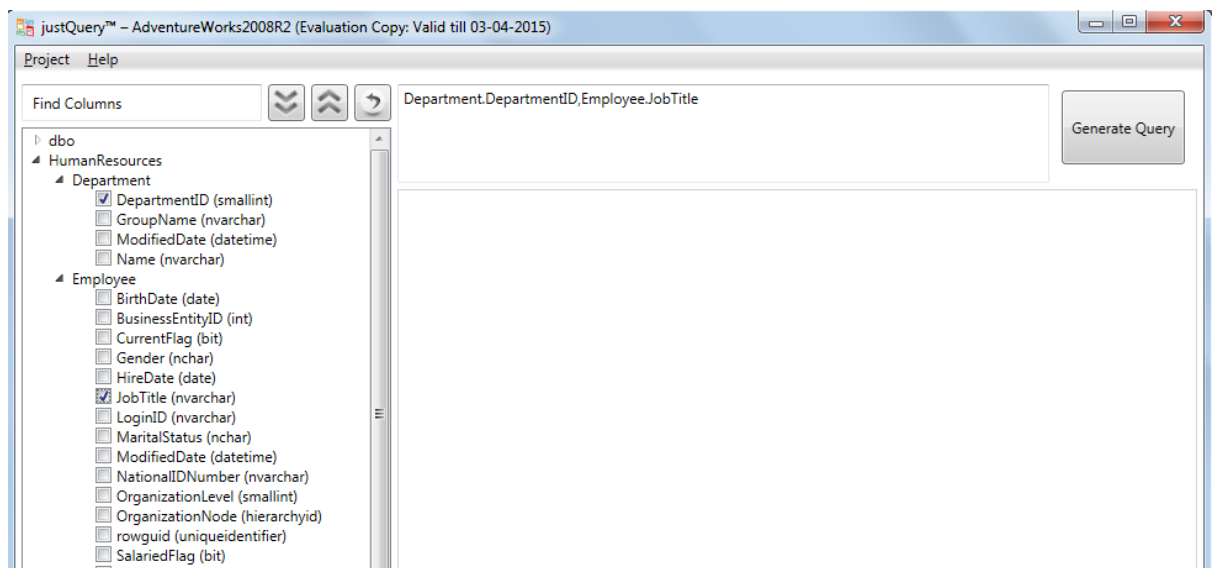


Your screen will look like this



Now select the columns you want from the tables, for which you want justQuery to return you with a best join.

Suppose we select DepartmentID of Department Table and BirthDate of Employee table, like the below



The selected columns appear on the top right text box.

This text box , will display all the selected columns.

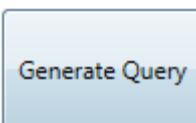
In case , you want to remove any selected column, just uncheck on the check box against the columns.

If you want to clear the whole selection , just click the reset button



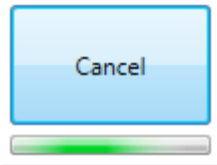
After you have decided that these are two tables for which you need

a query , now click on the “Generate Query” button



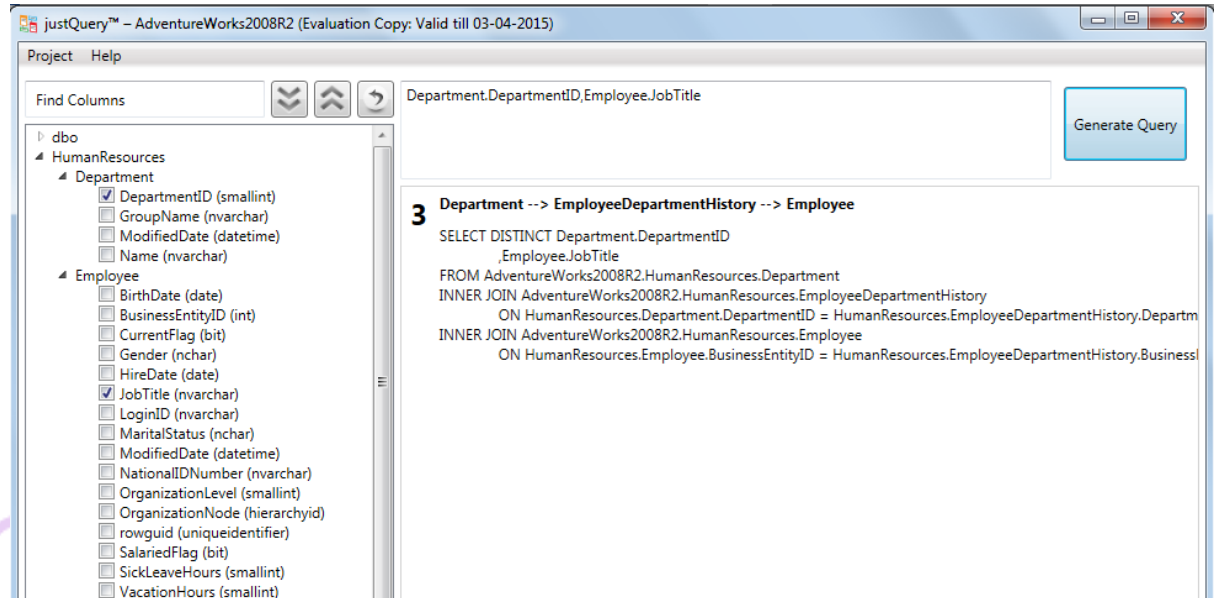
justQuery would now start computing the best path for you for the selected tables.

While working a progress bar is displayed below the Generate Query button.



You may choose to cancel the operation , by clicking on the cancel button or just wait for the query to return.

Once your query is built by justQuery, the query is returned as below

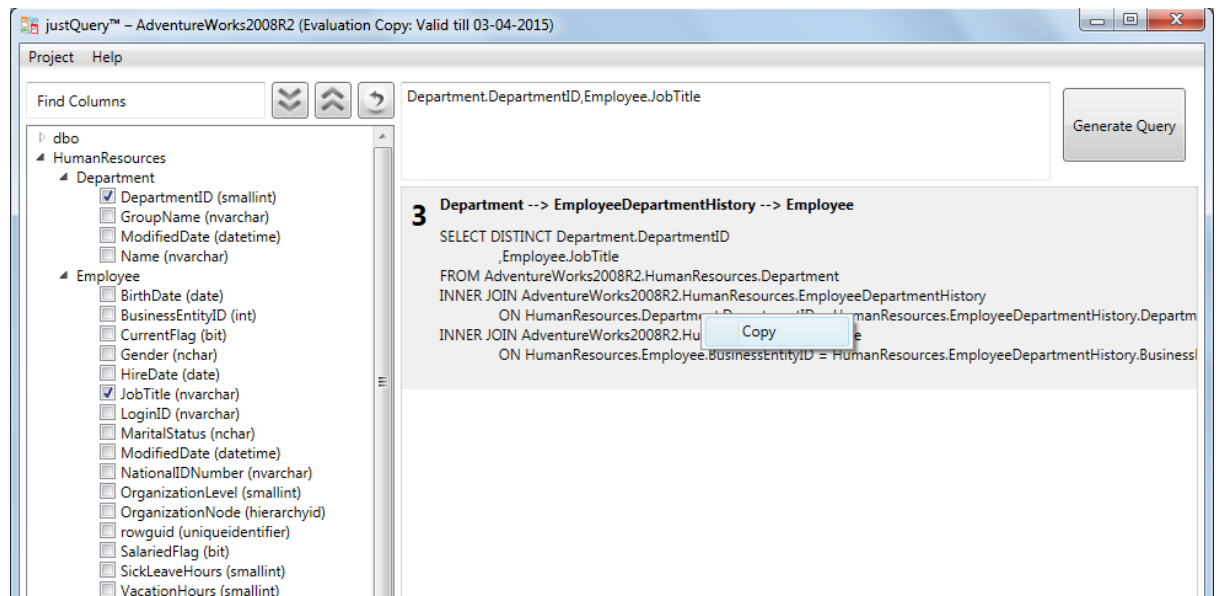


If you notice , the Query result pane will contain the following

- No of tables involved in the join. In this case it is 3.
- Tables involved in the join . In this case , they are Department, EmployeeDepartmentHistory & Employee.
- and the query.

Looking at the query , it is understood that , despite only asking for two tables join (Department and Employee), justQuery figured out that there is a table that is need to join both Department & Employee which is EmployeeDepartmentHistory and pulls it up to form a working join and displays it for you.

You can now copy the query by righclicking on the query pane



and paste it in your reporting application or SSMS or excel etc.

You can similarly generate as many queries for your use with no limitations whatsoever in the trial copy.

18. You can use "Open" sub-menu option to open the project files you have saved earlier.

When you open up a justquery project file , the schema is displayed in the tree , but no queries are displayed.

Proceed with selections of the columns/tables and generate query.

19. If you need to switch between two justquery project files, you can go to "Recent Projects" while you are working on a current project file. Select a project file from the list. The current project file is cleared and the selected project file is displayed.

Note:

The above is the schema for Microsoft SQL Server, sample database AdventureWorks2008R2. AdventureWorks2008R2 OLTP is a free sample database which can be downloaded from the URL : <http://msftdbprodsamples.codeplex.com/releases/view/93587>
The datamodel of AdventureWorks2008R2 can be found in the URL http://www.wilsonmar.com/sql_adventureworks.htm

Below are some **sample** MS SQL Queries generated by *justQuery™* for AdventureWorks2008R2 database.

Scenario 1. Information required for various Product Models sold Employees wise.

```

Query: SELECT DISTINCT Employee.LoginID
        ,ProductModel.Name
FROM AdventureWorks2008R2.HumanResources.Employee
INNER JOIN AdventureWorks2008R2.Production.Document
        ON HumanResources.Employee.BusinessEntityID =
        Production.Document.Owner
INNER JOIN AdventureWorks2008R2.Production.ProductDocument
        ON Production.Document.DocumentNode =
        Production.ProductDocument.DocumentNode
INNER JOIN AdventureWorks2008R2.Production.Product
        ON Production.ProductDocument.ProductID =
        Production.Product.ProductID
INNER JOIN AdventureWorks2008R2.Production.ProductModel
        ON Production.Product.ProductModelID =
        Production.ProductModel.ProductModelID

```

Scenario 2. Information Required for Product Sales across Territories

```

Query:
SELECT DISTINCT Product.Name
           ,SalesTerritory.SalesYTD
           ,SalesTerritory.SalesLastYear
           ,SalesTerritory.Name
FROM AdventureWorks2008R2.Production.Product
INNER JOIN AdventureWorks2008R2.Sales.SpecialOfferProduct
           ON Production.Product.ProductID =
Sales.SpecialOfferProduct.ProductID
INNER JOIN AdventureWorks2008R2.Sales.SalesOrderDetail
           ON Sales.SalesOrderDetail.ProductID =
Sales.SpecialOfferProduct.ProductID
INNER JOIN AdventureWorks2008R2.Sales.SalesOrderHeader
           ON Sales.SalesOrderHeader.SalesOrderID =
Sales.SalesOrderDetail.SalesOrderID
INNER JOIN AdventureWorks2008R2.Sales.SalesTerritory
           ON Sales.SalesTerritory.TerritoryID =
Sales.SalesOrderHeader.TerritoryID

```