

TSQLSet v1.03

[Properties](#)

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Unit

sqlset

Compatible with Delphi 3/4/5/6

Requires the components DList v1.33 and Reader v3.0 or later versions

Description

Component for construction of list of SQL queries, editable in the property editor at design time, with possibility of insertion variables in query, which can be replaced by any string value at run time.

Installation

Copy the following files in your SQLSet directory

- 1) SQLStReg.pas (from folder d3-5 or d6)
- 2) SQLStReg.dcr
- 3) SQLSEdit.pas
- 4) SQLSEdit.dfm
- 5) SQLSet.pas or SQLSet.dcu

This component requires installed components: Dinamic List v1.33 and Text Reader v3.0 or later versions, but if You do not require this components separately, You can only copy the following additional units in your SQLSet directory:

- 1) DList.pas or DList.dcu;
- 2) Reader.pas or Reader.dcu.

Then install component SQLSet -

Component / Install Component / Browse / SQLStReg.pas / Ok / Compile.








Make sure that path of your SQLSet directory is indicated -

Tools / Environment Options / Library / Library path.

Properties

SQLItems

Methods

-  [GetSQL](#)
-  [RegisterVar](#)
-  [AddSQL](#)
-  [ClearItems](#)
-  [ClearVariables](#)
-  [RemoveSQL](#)
-  [RemoveVar](#)

SQLItems property

[See also](#)

Applies to

[TSQLSet](#) component




Declaration

```
property SQLItems: TSQLItems;
```

Description

Property for construction of list of SQL queries at design time.

See also

-  [AddSQL](#) method
-  [ClearItems](#) method
-  [ClearVariables](#) method

GetSQL method

[Example](#)

Applies to

[TSQLSet](#) component

Declaration

```
function GetSQL(const Title: string): string;
```

Description

This function returns SQL text, which is contained in list of property SQLItems under the name Title changing variables by run time string values. If such title is absent, the function will return free value. "Title" is not case sensitive.

GetSQL method example

```
Query1.SQL.Text := SQLSet1.GetSQL('Customers');  
Query1.Open;
```

RegisterVar method

[See also](#) [Example](#)

Applies to

[TSQLSet](#) component

Declaration

```
function RegisterVar(const VarName, Value: string): boolean;
```

Description

Declares a variable under the name VarName and determines its Value. If the variable under this name is already declared, its value will only be changed.




These variables will be changed by their values.

If VarName contains inadmissible characters, the variable will not be registered, and the function will return false.

Inadmissible characters are all delimiters of SQL and spaces.

"VarName" is not case sensitive.

See also

-  [GetSQL](#) method
-  [ClearVariables](#) method
-  [RemoveVar](#) method

RegisterVar method example

```
if SQLSet1.RegisterVar('CountryVar', ComboBox1.Text) then begin  
    Query1.SQL.Text:=SQLSet1.GetSQL('Customers');  
    Query1.Open;  
end;
```

AddSQL method

[See also](#)

Applies to

[TSQLSet](#) component



Declaration

```
procedure AddSQL(const Title, SQLText: string);
```

Description

Adds to gang a new SQLText under the name Title at run time.
"Title" is not case sensitive.

See also

-  [ClearItems](#) method
-  [RemoveSQL](#) method

ClearItems method

[See also](#)

Applies to

[TSQLSet](#) component



Declaration

```
procedure ClearItems;
```

Description

Clears list of SQL queries at run time.

See also

-  [AddSQL](#) method
-  [RemoveSQL](#) method

ClearVariables method

[See also](#)

Applies to

[TSQLSet](#) component

Declaration

```
procedure ClearVariables;
```

Description

Clears all declared variables at run time.

See also

 [RegisterVar](#)

 [RemoveVar](#)

RemoveSQL method

[See also](#)

Applies to

[TSQLSet](#) component



Declaration

```
procedure RemoveSQL(const Title: string);
```

Description

Deletes from a list SQL query under the name Title at run time.
"Title" is not case sensitive.

See also

-  [AddSQL](#) method
-  [ClearItems](#) method

RemoveVar method

[See also](#)

Applies to

[TSQLSet](#) component



Declaration

```
procedure RemoveVar(const VarName: string);
```

Description

Deletes declared variable under the name VarName at run time.
"VarName" is not case sensitive.

See also

-  [RegisterVar](#) method
-  [ClearVariables](#) method

