

Delete or clear rows in a TStringGrid

If you ever needed to delete rows from a *TStringGrid* component you should have noticed that it does not have a method for deleting or clearing rows. Here is nice class helper which does that.

Declare a class helper type:

```
type
  TStringGridRowDeletion = class helper for TStringGrid
  public
    procedure RemoveRows (RowIndex, RCount: Integer);
    procedure Clear;
  end;
```

and implement it as follows:

```
{ TStringGridRowDeletion }

procedure TStringGridRowDeletion.Clear;
var
  i: integer;
begin
  for i := 0 to RowCount -1 do
    RemoveRows (0, RowCount);
end;

procedure TStringGridRowDeletion.RemoveRows (RowIndex, RCount: Integer);
var
  i: Integer;
begin
  for i := RowIndex to RowCount - 1 do
    Rows[i] := Rows[i + RCount];
  RowCount := RowCount -RCount;
end;
```

Now all you have to do is to add this helper in a unit where you need to call *RemoveRows* or create a separate unit for it and "use" it where required. From now on you can delete rows the easy way. E.g.

```
var
  myStringGrid: TStringGrid;
begin
  ...
  myStringGrid.RemoveRows (0, 4);
  ...
end;
```

Note: the *RemoveRows* method can be invoked from all *TStringGrid* descendants.

Author:	Dorin Duminica
Contributor:	Riccardo Faiella (Topellina)
Added:	2012-07-06
Last updated:	2012-07-06

Copyright © Peter Johnson (DelphiDabbler) 2002-2018