

# How to retrieve all available TBrushStyle values as a list of strings

---

## QUESTION 1

I need to get a list of strings (like a string list) with the possible values for a *TBrushStyle* property (*bsSolid*, *bsClear*, *bsHorizontal*, for example). I want to build a combo box with this options. How can I set the property Items of my combo box directly with all the values from the enumerated type *TBrushStyle*? My combo box will be like the property editor for this type.

You can use runtime type information (RTTI) to do that. Below is an example:

```
uses
  {...}, TypInfo

procedure BrushStylesAsStrings(AList: TStrings);
var
  a: integer;
  pInfo: PTypeInfo;
  pEnum: PTypeData;
begin
  AList.Clear;
  pInfo := PTypeInfo(TypeInfo(TBrushStyle));
  pEnum := GetTypeData(pInfo);
  with pEnum^ do
  begin
    for a := MinValue to MaxValue do
      AList.Add(GetEnumName(pInfo, a));
    end;
  end;
end;
```

---

Original resource:	The Delphi Pool
Author:	Sen
Added:	2013-04-09
Last updated:	2013-04-09

---

Copyright © Peter Johnson (DelphiDabbler) 2002-2018