

How to add an OnMouseDown event to a TPopupMenu

QUESTION

I need to add a right-click capability to a popup menu. I created a component that inherits from *TPopupMenu*.

I suggest that you write the *OnMouseDown* event similar to the following:

```
{ ... }
TNewPopupMenu = class(TPopupMenu)
private
  FOnMouseDown: TMouseEvent;
protected
  procedure MouseDown(Button: TMouseButton; Shift: TShiftState;
    X, Y: Integer); dynamic;
  procedure DoMouseDown(var Message: TWMMouse;
    Button: TMouseButton; Shift: TShiftState);
published
  property OnMouseDown: TMouseEvent
    read FOnMouseDown write FOnMouseDown;
end;

procedure TNewPopupMenu.MouseDown(Button: TMouseButton;
  Shift: TShiftState; X, Y: Integer);
begin
  if Assigned(FOnMouseDown) then
    FOnMouseDown(Self, Button, Shift, X, Y);
end;

procedure TNewPopupMenu.DoMouseDown(var Message: TWMMouse;
  Button: TMouseButton; Shift: TShiftState);
begin
  with Message do
    MouseDown(Button, KeysToShiftState(Keys) + Shift, XPos, YPos);
end;
```

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