How to get the physical caret position in a TMemo, TEdit or TRichEdit

> ### QUESTION
>
> How to get the caret position of a Memo or RichEdit control? I don't mean any character position expressed in row and column, I mean it in pixels!

You get the caret position in pixels (client relative) from an edit, memo or richedit control by sending it a *EM_POSFROMCHAR* message. The message parameters are different for a *TRichEdit* and *TMemo* / *TEdit*.

TRichEdit:

```
var
  pt: TPoint;
begin
  with richedit1 do
  begin
    Perform(messages.EM_POSFROMCHAR, WPARAM(@pt), selstart);
    label1.caption := Format('(%d, %d)', [pt.x, pt.y]);
  end;
end;
```

TMemo and *TEdit*

```
var
  r: LongInt;
begin
  with memo1 do
  begin
    r := Perform(messages.EM_POSFROMCHAR, selstart, 0);
    if r >= 0 then
    begin
      label1.caption := IntToStr(HiWord(r));
      label2.caption := IntToStr(LoWord(r));
    end;
  end;
end;
```

The `win32.hlp` entries for this message are really messed up, on older versions they only showed the memo variant, on newer (e.g. the one that comes with D5) they show only the richedit variant.

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