New Technical Notes
Macintosh

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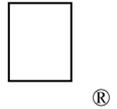
Developer Support

TextEdit Conversion Utility
Text

Revised by:	March 1988
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Text sometimes must be converted between a Pascal string and "pure" text in a handle. This note illustrates a way to do this using MPW Pascal.

Text contained in TextEdit records sometimes must be passed to routines which expect a Pascal string of type Str255 (a length byte followed by up to 255 characters). The following MPW Pascal unit can be used to convert between TextEdit records and Pascal strings:

```
UNIT TEConvert;

   {General utilities for conversion between TextEdit and strings}

   INTERFACE

      USES MemTypes,QuickDraw,OSIntf,ToolIntf;

      PROCEDURE TERecToStr(hTE: TEHandle; VAR str: Str255);
      {TERecToStr converts the TextEdit record hTE to the string str.}
      {If necessary, the text will be truncated to 255 characters.}

      PROCEDURE StrToTERec(str: Str255; hTE: TEHandle);
      {StrToTERec converts the string str to the TextEdit record hTE. }

   IMPLEMENTATION

      PROCEDURE TERecToStr(hTE: TEHandle; VAR str: Str255);

         BEGIN
            GetIText(hTE^^.hText, str);
         END;

      PROCEDURE StrToTERec(str: Str255; hTE: TEHandle);

         BEGIN
            TESetText(POINTER(ORD4(@str) + 1), ORD4(length(str)), hTE);
         END;

   END.
```

Further Reference:
- Macintosh Memory Management: An Introduction TextEdit