How to read a multiline file

The logic

If you ever had a problem while reading a multi-line file in Symbian c++ then here is a solution. Here the code uses `RFile` class and mainly its `Read()` method to read one character at a time, each character is compared with newline. If newline character is found then the line is finished, just store is or process it. Terminate the reading loop using the size of the file. That's the easy way, for this you can not rely on `Read()` function as even if you call `Read()` at the EOF still it doesn't return error code, and returns 0 instead. Its little tricky here to terminate the loop :)

Code

```
RFs fs;
fs.Connect();
RFile file;
file.Open(fs,KFilePath,EFileRead);
TBuf8<2> c;
TBuf<30> line;
TInt i=0;
TInt size=0;
file.Size(size);

while(true)
{
     i++;
     if(i > size)
 break;

     file.Read(c,1);
     if(c.Compare(_L8("\n")) == 0)
     {
 iEikonEnv->AlertWin(line);
 line = _L("");
     }
     else
     {
 if(c.Length() > 0)
     line.Append(c[0]);
     }

}
```

Alternatives

- Another option is to use **TFileText**. For a description see TFileText in Base F32_EKA2

The only limitation TFileText class faces is it tries to read the text in UNICODE or UTF8 format and if your file is not stored in that encoding format then you see hex characters instead of the expected text.

- Also check this article for how to use **TFileText** to read the contents of file, line by line: How to retrieve S60 5th Edition device model name

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