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## Overview

This code snippet demonstrates how to use CEikLabel control, how to set font, how to set font color and how to wrap text in label.

## MMP File.

Following library need to be added in mmp file.

```
LIBRARY          eikcoctl.lib gdi.lib
```

## Header File.

Add following line to your header file.

```
CEikLabel* iLabel;  
CArrayFix<TPtrC>* iTextArray; //for creating multiline label.  
HBufC* iMultiLineText; // //for creating multiline label.
```

## Source File.

Add following header file in your source file.

```
#include <eiklabel.h>
#include <aknutils.h>
#include <gulcolor.h>
#include <GDI.H>
```

Add following source code in ConstructL() method.

```
const CFont* font = CCoeEnv::Static()->NormalFont();

iTextArray = new CArrayFixFlat<TPtrC>(1);
iMultiLineText = HBufC::NewL(0);

iLabel = new (ELeave) CEikLabel;
iLabel->SetContainerWindowL( *this );
//Set your custom font here.
iLabel->SetFont(font);

//wrapping text to set in label.
TBuf<100> buffer;
buffer.Copy(_L("Testing long label in symbian OS c++."));
iTextArray->Reset();
TInt screenWidth = 240 ; // set width as per your requirement.
AknTextUtils::WrapToArrayL(buffer, screenWidth,*font, *iTextArray);
TInt Height = 0; //to set height of label. [[Category:Symbian C++]]
for (TInt i = 0; i < iTextArray->Count(); i++)
{
    TInt=length=iTextArray->At(i).Length() + 1;
    iMultiLineText->ReAllocL(iMultiLineText->Length() + length);
    iMultiLineText->Des().Append(iTextArray->At(i));
    iMultiLineText->Des().Append(_L("\n"));
    Height+=iTextArray->At(i).Length() + font->AscentInPixels()/2;
}

iLabel->SetTextL(iMultiLineText->Des());

// setting font color to red.
iLabel->OverrideColorL( EColorLabelTextEmphasis, KRgbRed );
iLabel->SetEmphasis( CEikLabel::EPartialEmphasis );

//set position of label.
iLabel->SetPosition(TPoint(0, 20));
//set size of label.
iLabel->SetSize(TSize(screenWidth,Height));
```

Add the following code in the destructor to delete all used variables.

```
delete iLabel;
delete iTextArray;
delete iMultiLineText;
```

## Related link

- [How to create Label](#)