Drawing custom borders around a Symbian control

Overview

This code snippet demonstrates how to draw a custom border around a GUI component.

Header file

Override the `CCoeControl::Draw` method.

```
// From CCoeControl
public:
    // Draws the view.
    void Draw(const TRect& aRect) const;
```

Source file

Define the color of the border:

```
#define KBorderColor TRgb(180, 0, 0)
```

The drawing is implemented in the `CCoeControl::Draw` method so that the border is drawn every time the view is drawn.

```
// Draws the view.
void CAppView::Draw(const TRect& aRect) const
    {
    CWindowGc& gc = SystemGc();

    // Draw the border around the component (iComponent)
    gc.SetBrushColor(KBorderColor);
    TRect rect = iComponent->Rect();
    // Enlarge the border rectangle so that it becomes visible. Without this,
    // the rect would only contain the innards of the component, which will
    // be obscured by the component itself.
    rect.Grow(3, 3);
    gc.DrawRect(rect);
    }
```

Version Hint

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