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Overview

Launching the correct viewer application

Description

If a file (content) type is supported in the device, the correct viewer for it can be launched as an embedded application with the CDocumentHandler class as follows:

```
#include <DocumentHandler.h> // link against commonui.lib
#include <apmstd.h> // link against apmime.lib
void TTestEmbedApp::EmbedLaunchFileL( const TDesC& aFile )
{
    // iDocHandler is a pointer to CDocumentHandler
    if( !iDocHandler )
    {
        // On S60 3rd Edition, CDocumentHandler constructor no longer requires
        // a CEikProcess pointer as a parameter
#ifdef __SERIES60_3X__
        iDocHandler = CDocumentHandler::NewL();
#else
        iDocHandler = CDocumentHandler::NewL( iEikonEnv->Process() );
#endif
    }
    TDataType empty;
    iDocHandler->OpenFileEmbeddedL( aFile, empty );
}
```

This will launch the correct application to display the specified file. Because an empty data (MIME) type is used, document handler tries to resolve the data type automatically by passing the file to system recognizers.

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For example, if the file (aFile) is a .txt file, the Notes application will be launched. If the file is a .jpg file, Gallery/Image Viewer will be launched.