



Here is the code snippet to create a simple listbox:

In mmp file:

```
LIBRARY      avkon.lib
LIBRARY      eikcoctl.lib
LIBRARY      eikctl.lib
LIBRARY      bafl.lib
```

In the header file:

```
// FORWARD DECLARATION
class CEikColumnListBox;
// ...

class CMyAppContainer : public CCoeControl
{
    // ...

    public: // New functions

        /**
         * Create the listbox.
         */
        void CreateListBoxL();

        /**
         * Initialize the listbox.
         */
        void InitListBoxL();

    private: // Data members

        /**
         * The listbox object
         * Owned by CMyAppContainer.
         */
        CEikColumnListBox* iListBox;
};
```

In the cpp file:

```
#include <eikclb.h> // for CEikColumnListBox
#include <aknlists.h> // for CAknSingleStyleListBox

// -----
// CMyAppContainer::CreateListBoxL()
// Create the listbox.
// -----
//
void CMyAppContainer::CreateListBoxL()
{
    //Delete the list box if already exists.
    if ( iListBox )
    {
        delete iListBox;
        iListBox = NULL;
    }
}
```

How_to_create_a_simple_listbox

```
// listbox instance
iListBox = new (ELeave) CAknSingleStyleListBox();
iListBox->ConstructL(this);
iListBox->SetContainerWindowL(*this);

// add scrollbars to listbox
iListBox->CreateScrollBarFrameL(ETrue);
iListBox->ScrollBarFrame()->SetScrollBarVisibilityL(
    CEikScrollBarFrame::EOn, CEikScrollBarFrame::EAuto );

const TPoint aPoint(0,0);
const TSize aSize(180,150);

//most important line , else the list box simply disappears
iListBox->SetExtent(aPoint,aSize);

//Fill list box with the data
InitListBoxL();

iListBox->ActivateL();
iListBox->DrawNow();
}

// -----
// CMyAppContainer::InitListBoxL()
// Initialize the listbox.
// -----
//
void CMyAppContainer::InitListBoxL()
{
    // construct listbox item array
    CDesCArray *itemList = new (ELeave) CDesCArrayFlat(KGranularityOfArray);

    itemList->AppendL(_L("\tFirst item\t\t"));
    itemList->AppendL(_L("\tSecond item\t\t"));

    // set items and ownership
    iListBox->Model()->SetItemTextArray(itemList);
    iListBox->Model()->SetOwnershipType(ELbmOwnsItemArray);

    iListBox->SetCurrentItemIndex(0);
    iListBox->SetFocus(ETrue);
    iListBox->HandleItemAdditionL();
}
```

Other Related Links

- [List box example](#)
- [Querying selection with list](#)
- [TSS000647 - Applying actions on list box items](#)
- [MDesCArray](#)
- [How to add Marquee effect in ListBox](#)
- [How to add ScrollBar in ListBox](#)
- [How to add additional data to the list box?](#)

- [Listbox creation using resource](#)
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