Using common dialogs with S60 and Maemo Platform

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The article is believed to be still valid for the original topic scope.

Comparison

Both S60 Platform and Maemo Platform have a number of common dialogs to ease the application development.

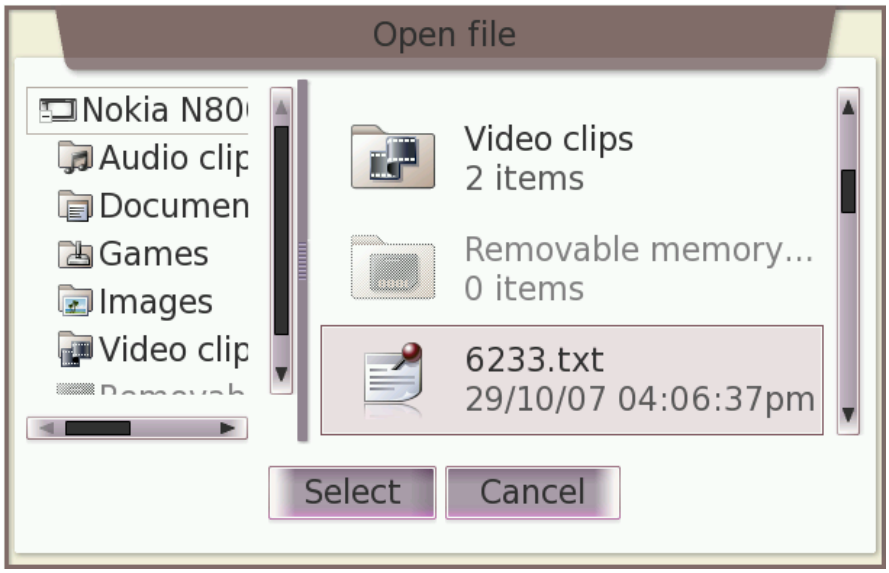
Comparing S60 and Maemo Platforms

S60 Platform

```
enum TCommonDialogType
         {
         ECFDDialogTypeNormal,
         ECFDDialogTypeSelect,
         ECFDDialogTypeSave,
         ECFDDialogTypeMove,
         ECFDDialogTypeBrowse,
         ECFDDialogTypeDefaultSetting,
         ECFDDialogTypeCopy
         };
```

```
...
TFileName fileName;
TBuf<KMaxFileName> defaultPath;
TCommonDialogType dialogType = ECFDDialogTypeSave;
...
CAknFileSelectionDialog* dialog = CAknFileSelectionDialog::NewL(dialogType);
...
TBool result = dialog->RunDlgLD(fileName, defaultPath);
...
```

Maemo Platform




```
typedef struct _AppData AppData;
struct _AppData
```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```
{
    HildonProgram *program; /* handle to application */
    HildonWindow *window; /* handle to app's window */
    osso_context_t *osso; /* handle to osso */
};
```

```
/* Struct to include view's information */
typedef struct _MainView MainView;
struct _MainView
{
    /* Handle to app's data */
    AppData *data;

...

};
```

```
/* File chooser */
gchar* interface_file_chooser(MainView * mainview, GtkFileChooserAction action)
{
    GtkWidget *dialog;
    gchar* filename = NULL;

    dialog = hildon_file_chooser_dialog_new( GTK_WINDOW(mainview->data->program), action);
    gtk_widget_show_all (GTK_WIDGET(dialog));
    if (gtk_dialog_run (GTK_DIALOG (dialog)) == GTK_RESPONSE_OK)
    {
        filename = gtk_file_chooser_get_filename (GTK_FILE_CHOOSER (dialog));
    }
    gtk_widget_destroy (dialog);
    return filename;
}
```


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