

# Georgia Palm Group - ITFN3314

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## Testing Bug Report

The only bug currently in the program has been commented out. It is where the menu items call the different forms and is located on the AppMain.c page. Below is a copy of the function.

```
static Boolean MainFormDoCommand(UInt16 command)
{
    Boolean handled = false;
    FormType * pForm;

    switch (command) {
        case MainOptionsAboutStarterApp:
            pForm = FrmInitForm(AboutForm);
            FrmDoDialog(pForm); //
            Display the About Box.
            FrmDeleteForm(pForm);
            handled = true;
            break;
        /* case MainOptionsAboutStarterAppAir:
            pForm = FrmInitForm(frmAirlineExp);
            FrmDoDialog(pForm); //
            Display frmAirlineExp.
            FrmDeleteForm(pForm);
            handled = true;
            break;

            case MainOptionsAboutStarterAppCar:
            pForm = FrmInitForm(frmCarExp);
            FrmDoDialog(pForm); //
            Display frmCarExp.
            FrmDeleteForm(pForm);
            handled = true;
            break;

            case MainOptionsAboutStarterAppHot:
            pForm = FrmInitForm(frmHotelExp);
            FrmDoDialog(pForm); //
            Display frmHotelExp.
            FrmDeleteForm(pForm);
            handled = true;
            break;

            case MainOptionsAboutStarterAppJob:
            pForm = FrmInitForm(frmJobInfo);
            FrmDoDialog(pForm); //
            Display the About Box.
            FrmDeleteForm(pForm);
            handled = true;
            break;
        */
    }
```

```
    return handled;
}
```

The switch statement, for an unknown reason at this time, does not allow multiple cases. All the forms have been defined correctly, there is no duplicate as the compile error message states:

```
**** Incremental build of configuration Debug for project Itinerary
****

make all

m68k-palmos-gcc -c -D__PALMOS__=0x05000000 -I"C:/Program
Files/PalmSource/Palm OS Developer Suite/PalmOSTools/include/stlport" -
00 -g -fexceptions -UNDEBUG -Wall -palmos5r4 -o src/AppMain.o
./src/AppMain.c
./src/AppMain.c: In function `MainFormDoCommand':
./src/AppMain.c:65: duplicate case value
./src/AppMain.c:59: this is the first entry for that value
./src/AppMain.c:72: duplicate case value
./src/AppMain.c:59: this is the first entry for that value
./src/AppMain.c:79: duplicate case value
./src/AppMain.c:59: this is the first entry for that value
./src/AppMain.c:86: duplicate case value
./src/AppMain.c:59: this is the first entry for that value
make: *** [src/AppMain.o] Error 1
Build complete for project Itinerary

**** Full rebuild of configuration Debug for project Itinerary ****

make clean all
rm -rf src/AppMain.o      src/AppMain.d      multiple_code_sections.s
Itinerary buildprc_temp.prc prcmerge_temp.prc Itinerary.prc
rsc/AirlineExp.trc rsc/AppResources.trc rsc/CarExp.trc
rsc/HotelExpense.trc rsc/JobInfo.trc rsc/Password.trc rsc/TimeSheet.trc
rsc/AirlineExp.d rsc/AppResources.d rsc/CarExp.d rsc/HotelExpense.d
rsc/JobInfo.d rsc/Password.d rsc/TimeSheet.d

m68k-palmos-gcc -c -D__PALMOS__=0x05000000 -I"C:/Program
Files/PalmSource/Palm OS Developer Suite/PalmOSTools/include/stlport" -
00 -g -fexceptions -UNDEBUG -Wall -palmos5r4 -o src/AppMain.o
./src/AppMain.c
./src/AppMain.c: In function `MainFormDoCommand':
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./src/AppMain.c:59: this is the first entry for that value
./src/AppMain.c:79: duplicate case value
./src/AppMain.c:59: this is the first entry for that value
./src/AppMain.c:86: duplicate case value
./src/AppMain.c:59: this is the first entry for that value
make: *** [src/AppMain.o] Error 1
Build complete for project Itinerary
```

**FIXED!**

Needed to redefine as below on the AppResource.h page

```
// Resource: MENU 1000
#define MainOptionsMenu 1000
#define MainOptionsAboutStarterApp 1000
#define MainOptionsAboutStarterAppAir 1300
#define MainOptionsAboutStarterAppCar 1400
#define MainOptionsAboutStarterAppHot 1500
#define MainOptionsAboutStarterAppJob 1600
```

Originally had all set to 1000.

And had to set each form to usable and integrate all forms into the AppResource.xrd file.

Only bug left is trying to fix the drop down lists. They worked on one project while on a form by themselves. But for some reason, they don't work in any of the current forms.

Possible untested bugs:

Defining objects – some may be repeats, but there appears to be none. Only way to confirm is programming use of each and every object which hasn't been done yet.

Also, the database needs creation and button events set to store data. All the objects in each and every form have been named and are ready for use.