



We can launch any application installed on a device with it's UID rather using the name of the application .

- By this way we can prevent the name clashes.
- No need for searching for the full path of the application.

In mmp file:

```
LIBRARY      apgrfx.lib // for RApaLsSession
LIBRARY      apparc.lib // for CApaCommandLine, TAppAppInfo
```

Source code

```
// System Includes
#include <apgcli.h> // for RApaLsSession
#include <apacmdl.h> // for CApaCommandLine

// ...

// -----
// CMyUtility::LaunchAppL(const TUid aAppUid)
// Find the application with it's UID and if exists then launch the
// application to the foreground.
// -----
//
void CMyUtility::LaunchAppL(const TUid aAppUid) const
{
    RApaLsSession apaLsSession;
    User::LeaveIfError(apaLsSession.Connect());
    CleanupClosePushL(apaLsSession);

    TAppAppInfo appInfo;
    TInt retVal = apaLsSession.GetAppInfo(appInfo, aAppUid);

    if(retVal == KErrNone)
    {
        CApaCommandLine* cmdLine = CApaCommandLine::NewLC();
        cmdLine->SetExecutableNameL(appInfo.iFullName);
        cmdLine->SetCommandL(EApaCommandRun);
        User::LeaveIfError( apaLsSession.StartApp(*cmdLine) );

        CleanupStack::PopAndDestroy(cmdLine);
    }
    else
    {
        // The application not found!
    }

    CleanupStack::PopAndDestroy(&apaLsSession);
}
```

Related Links:

- [How to Launch an EXE and Pass Command Line Arguments](#)
- [How to Launch Browser in 3rd edition](#)
- [How to run EXE from other application in 3rd Edition](#)
- [How to start and stop exe](#)
- [How to start EXE from an EXE in 3rd Edition](#)