# How to create a SMS with attachment in inbox

```
CMsvSession* messageSession;
CClientMtmRegistry* registry;
TFileName details;
TFileName description;
TFileName fileName;
TEntryInfoHolder infoHolder;

messageSession = CMsvSession::OpenSyncL(*this);
CleanupStack::PushL(messageSession);

registry = CClientMtmRegistry::NewL( *messageSession );
CleanupStack::PushL( registry );

infoHolder.messageSession = messageSession;
infoHolder.iEntryId = 0; // No entry yet !
CleanupStack::PushL( TCleanupItem( DeleteEntry, &infoHolder ) );

// Subject
_LIT(KSub, "InterGrafx");
details.Copy( KSub() );

// Description
description.Copy( igpFileName );

// Get message inbox
CMsvEntry* inbox=messageSession->GetEntryL( KMsvGlobalInBoxIndexEntryIdValue );
CleanupStack::PushL( inbox );

TMsvEntry newEntry;


// Child entry of inbox
// TMsvEntry
```

```
#ifdef __UIQV21__
newEntry.iMtm = TUid::Uid( KUidMsgTypeBT );
#endif

#ifdef __S60V12__
newEntry.iMtm = TUid::Uid( KUidMsgTypeBt );
#endif //
#ifdef __S60V22__
newEntry.iMtm = TUid::Uid( KUidMsgTypeBt.iUid );
#endif //__S60V22__
newEntry.SetVisible( EFalse );
newEntry.SetInPreparation( ETrue );
newEntry.iType = KUidMsvMessageEntry;
newEntry.iServiceId = KMsvUnknownServiceIndexEntryId;
newEntry.iDate.HomeTime();
newEntry.iSize = 120553;//todo
newEntry.iDetails.Set( details );
newEntry.iDescription.Set( description );

// For bio
// For future usage
//newEntry.iBioType = 0x101F3CD9;
//newEntry.iMtmData3 = 1;
//KMmsMessageMRetrieveConf | KMmsMessageMobileTerminated; // this defines MT message
//newEntry.iMtmData1 = 0;
//newEntry.iMtmData2 = 0;
//TUid aTypeUid;
//aTypeUid.iUid = 0x10000F6A;
//newEntry.iType = aTypeUid;
//TUid aMtmUid;
//aMtmUid.iUid = 0x10001262;
//newEntry.iMtm = aMtmUid;

inbox->CreateL(newEntry);
infoHolder.iEntryId=newEntry.Id();

CClientMtmRegistry* mtmReg = CClientMtmRegistry::NewL( *messageSession );
CleanupStack::PushL( mtmReg );

// Child entry of inbox
// CMsvEntry
CMsvEntry* entry = messageSession->GetEntryL( newEntry.Id() );
CleanupStack::PushL( entry );

CBaseMtm *mtm = mtmReg->NewMtmL( entry->Entry().iMtm );
// takes ownership
// The attachment will belong to it
mtm->SetCurrentEntryL( entry );
CleanupStack::Pop(); // entry
CleanupStack::PushL( mtm );

// Create an empty attachment
// On return, we get values of attachmentId, tempfileName
TFileName tempfileName;
TMsvId attachmentId;
mtm->CreateAttachmentL( attachmentId, tempfileName );

// Construct the path of the file to be created as attachment
HBufC* completeFilePath = HBufC::NewLC( 500 );
TPtr completeFilePathPtr = completeFilePath->Des();
completeFilePathPtr.Append( tempfileName );
completeFilePathPtr.Append( description );
```

## Links


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- Code snippets are taken from http://www.devdiv.com/

Best regards http://www.devdiv.com/


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