

Reading_SMS_from_Inbox

The ReadMailFolderL()- function shows how you could get the list of available messages from the inbox. For reading other folders, you just need to change the KMsvGlobalInBoxIndexEntryId to be one of the following:

- KMsvGlobalOutBoxIndexEntryId (outbox folder)
- KMsvDraftEntryId (Drafts folder)
- KMsvSentEntryId (sent messages folder)

And if you want to get all other messages (non SMS), just comment out the line checking if the message entry's MTM is KUidMsgTypeSMS. Note that aSession needs to be correctly opened before this function can be called.

```
void ReadMailFolderL(CMsvSession* aSession, RArray<TMsvEntry>& aMailArray)
{
    CMsvEntry* pEntry = aSession->GetEntryL(KMsvGlobalInBoxIndexEntryId);
    CleanupSessionEntry();
    if (pEntry->Count())
    {
        TmsvSelectionOrdering MySortType

//MySortType.SetSorting(EMsvSortByDetails);
        SetSortType(MySortType);

        pEntry->SetSortType(MySortType);

        CMsvEntry* pChildEntry = pEntry->ChildrenL();
        ::PushBack(pChildEntry);

for (TInt i = (pEntry->Count() - 1); i >= 0; i--)
    {
        if (pChildEntry->ChildDataL(pChildEntry->At(i)).iMtm == KUidMsgTypeSMS)
        {
            Append(pChildEntry->ChildDataL(pChildEntry->At(i)));
        }
    }

        ::PushBack(pChildEntry);
    }

    CleanupSessionEntry(); //Entry
}
```

You could use the aMailArray already to fill your list box, but if you need to get the phone number of the sender and the whole message body, you could utilize following GetMessageL()-function.

```
void GetMessageL(CMsvSession* aSession, TMsvEntry aMailEntry, TDes& aFrom, TDes& aMessage)
{
    if (aMailEntry.iMtm == KUidMsgTypeSMS)
    {
        CSmsClientMtmSmsMtm = STATIC_CAST(CSmsClientMtm*, iMtmReg->NewMtmL(KUidMsgTypeSMS));
        ::PushBack(SmsMtm);

        aFrom = aMailEntry.CSenderL(aMailEntry.Id());
        aMessage = aMailEntry.CMessageL(aMailEntry.Id());

        Copy(SmsMtm.CFromHeader().Message().ToFromAddress());
    }
}
```

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```
if(!aFrom.Length())
{
if(SmsMtm->AddresseeList().Count())
{
Copy(SmsMtm->AddresseeList().FromCaPoint(0));
}
}

Copy(SmsMtm->MessageBody().Read(0)); //Warning! This will give you only first 256 symbols. Check
::PoBoxAddressBook(SmsMtm);
= NULL; SmsMtm
}
}
```

Related Links:

- [Sending SMS with RSendAs](#)
- [SMS Utilities API](#)
- [SMS Receiver](#)
- [Sending SMS in S60 3rd Edition - MTM](#)
- [SMS Operations](#)
- [How to send an SMS using sockets](#)
- [Sending-Receiving SMS through an Exe \(Server\)](#)
- [Create Local SMS](#)
- [How to Open SMS or MMS Editor](#)