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**Keywords (APIs, classes, methods, functions):**

## Overview

Creating e-mail accounts in code

## Description

Symbian OS v9.1 offers a new API for easy e-mail (POP3, IMAP4) account creation. The CEmailAccounts API creates an account for incoming messages as well as for outgoing messages (SMTP) and assigns these two together to form a working account pair.

Here is a simple example on how to use this API:

```
#include <cemailaccounts.h>
TMsvId pop3Id;
TMsvId smtpId;
iPop3Mtm = static_cast<CPop3ClientMtm*>(iReg->NewMtmL(KUidMsgTypePOP3));
iSmtmMtm = static_cast<CSmtmClientMtm*>(iReg->NewMtmL(KUidMsgTypeSMTP));
CEmailAccounts* accounts = CEmailAccounts::NewLC();
//
// Create CImPop3Settings and CImSmtmSettings objects and insert your account settings.
// This step is omitted here for brevity.
//
//
// You also need to define a CImIAPPreferences object for the IAP to use with this account.
// This example does not show how to fill in the IAP UID into apUid. One possibility is to read this value
// from the
// CommsDB IAP table by a bearer.
//
TUint32 apUid;
// Create a new IAPChoice for the IAPPreferences object
TImIAPChoice apChoice;
apChoice.iIAP = apUid; //store IAP id
apChoice.iDialogPref = ECommDbDialogPrefPrompt; //prompt dialog
//CImIAPPreferences*
```

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```
apPrefs = CImIAPPreferences::NewLC();
apPrefs->AddIAPL(apChoice);
// Now create actual services
//
TPopAccount popAcc;
popAcc = accounts->CreatePopAccountL(_L("POP3 acco"), *iPOP3Settings, *apPrefs, EFalse);
TSmtpAccount smtpAcc;
smtpAcc = accounts->CreateSmtpAccountL(popAcc, *iSmtpSettings, *apPrefs, EFalse);
pop3Id = popAcc.iPopService;
smtpId = smtpAcc.iSmtpService;
//
// Finally, this line sets the new SMTP service as the default sending service.
//
accounts->SetDefaultSmtpAccountL(smtpAcc);
```