Archived:Adding custom menu items for a 3rd party MTM

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Overview

Adding custom menu items for a 3rd party MTM

Description

It is possible to add custom menu items to the Options menu of the Messaging application for a 3rd party MTM message list.

Solution

To add custom menu items to the message list:
1) Specify either EMtudContextSpecific or EMtudRemoteOnly flag in the MTM-specific function array.
2) Use the correct return value in the implementation of CBaseMtmUiData::OperationSupportedL() function.

This function is called by the messaging client to check if a particular operation is appropriate for the selected entries in the message list.
The following example code demonstrates these steps:

1) In UI Data MTM resource file:

```
#include <mtud.rh>
RESOURCE MTUD_FUNCTION r_mymtm_test_operation
    {
    functiontext = "Message command";
    command = ETxtuCommandMessage;
    flags = EMtudContextSpecific|
            EMtudAsynchronous|
            EMtudCommandTransferReceive;
    }
```

2) Implementation of OperationSupportedL() in the UI Data MTM:

```
TInt CTxtiMtmUiData::OperationSupportedL( TInt aOperationId, const TMsvEntry& aContext ) const
  {
  TInt aReasonResourceId=0; // 0 means "operation is available"
  if (aContext.iMtm != KUidMsgTypeText)
    {
    return R_TEXTUD_NOT_SUPPORTED;
    }
const TBool isMessage = (aContext.iType == KUidMsvMessageEntry);
const TBool isService = (aContext.iType == KUidMsvServiceEntry);
if (aOperationId == ETxtuCommandMessage)
    {
    // Only allow this command on local messages
    if ( (!isMessage) | (aContext.iServiceId != KMsvLocalServiceIndexEntryId) )
        aReasonResourceId = R_TEXTUD_ONLY_MESSAGES;
    }
return aReasonResourceId;
    }
```


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