

Installing SAP NetWeaver Mobile Client (eSWT) on a Storage Card



Applies to:

SAP NetWeaver Mobile 7.1 client (type eSWT)

For more information, visit the [Mobile homepage](#).

Summary

This document explains the steps and important changes to be noted while installing an eSWT client on a storage card.

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Introduction

In many business scenarios we need to deal with large amount of data and it may cause out-of-memory in the handheld device where the application is installed. To save the device RAM from being running out of memory we can use storage cards (memory cards) E.g. SD Card, CF Card etc.

Note: When we install the client on a Storage card, the performance will be comparatively lesser than the client installed on the device directly. It is because the process of reading data from an external storage card is slower than reading from RAM.

Changes to be Made while Using the Storage Card

The step by step procedures to install an eSWT client on a storage card and the files need to be changed are given below:

1. Install the NSICom CrEme cab file on the device, or directly in the storage card. If you install it on the device, after installation you can move the corresponding folder to the storage card.
2. Install the DB cab file (minDB.cab or DB2E.cab according to your need), pda_runtime_wince.CAB and pda_eswt_container.CAB into the device or the storage card directly. If you have installed the cab files on the device then after the installation, move the MI folder to your storage card folder.
3. Change the below mentioned files according to the new location of MI.
 - \<Storage card>\MI\bin\launch.properties
 - \<Storage card>\MI\bin\NetWeaver Mobile.Ink
 - \<Storage card>\MI\bin\classpaths.cf
 - \<Storage card>\MI\bin\startserver.Ink
 - \Windows\Start Menu\Programs\NetWeaver Mobile.Ink
 - \Windows\Start Menu\Programs\startserver.Ink

Note: Here <Storage card> should be replaced with the actual folder name of the storage card. In case of SD Card <Storage card> should be replaced with 'SD Card' and in case of CF Card, <Storage card> should be replaced with 'Storage Card'.

In all the above mentioned files the default location of the MI is considered as the device root directory. This location need to be changed as the MI location is changed from device root directory to storage card location. For example wherever 'MI' is mentioned, it should be changed with '\<Storage card>MI'

Sample files after making the changes are given below.

\<Storage card>\MI\bin\launch.properties

```
LAUNCH_EXE=\SD Card\CrEme\bin\CrEme.exe
```

```
LAUNCH_PROPERTIES=-Of -sp:0 -cf 'SD Card/MI/bin/classpaths.cf' '-Dmobile.home=/SD Card/MI' '-Dtomcat.home=/SD Card/MI/tomcat' '-DdisplayPopup=true' -noverify -ml 64000 com.sap.tc.mobile.cfs.startup.pda.Startup
```

```
APPLICATION_WINDOW=SAP NetWeaver Mobile
```

\<Storage card>\MI\bin\NetWeaver Mobile.Ink

```
255#"SD Card\MI\bin\NetWeaver Mobile.exe" \SD Card\MI\bin\launch.properties
```

\<Storage card>\MI\bin\classpaths.cf

-bcj '\SD Card\MI\bin\jsse.jar;\SD Card\MI\bin\jnet.jar;\SD Card\MI\bin\jcert.jar' -classpath '\SD Card\MI\bin\sap.com~tc~mobile~cfs~startup~impl.jar'

\<Storage card>\MI\bin\startserver.Ink

255#"SD Card\CrEme\bin\CrEme.exe" -Of -cf 'SD Card/MI/bin/classpaths.cf' '-Dmobile.home=/SD Card/MI' '-Dtomcat.home=/SD Card/MI/tomcat' -noverify -ml 25600 com.sap.tc.mobile.cfs.startup.pda.Startup

Windows\Start Menu\Programs\NetWeaver Mobile.Ink

This file is same as \<Storage card>\MI\bin\NetWeaver Mobile.Ink and the same changes made for \<Storage card>\MI\bin\NetWeaver Mobile.Ink need to be made here also. If you are not changing this file, then you will not be able to launch the client from the start menu by clicking NetWeaver Mobile.exe.

Windows\Start Menu\Programs\startserver.Ink

This file is same as \<Storage card>\MI\bin\startserver.Ink so the changes made for \<Storage card>\MI\bin\startserver.Ink need to be made here also. If you are not changing this file, then you will not be able to launch the client from the start menu by clicking startserver.Ink.

Related Content

To install the other types of client, JSP and AWT, on storage cards refer to document at the following link:

<http://www.sdn.sap.com/irj/scn/index?rid=/library/uuid/101f6a42-123b-2c10-ebb1-9066149c6231&overridelayout=true>

For more information, visit the [Mobile homepage](#).

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