

InterSession 8.1

IBM CL/SUPERSESSION Guide

This document describes how to copy profiles and settings from the product IBM CL/SUPERSESSION to InterSession.

Overview

There are a number of profiles and settings within CL/SUPERSESSION. Not all of them can be copied.

Applications

Applications are defined to CL/SUPERSESSION in one or more APPLDEF members. These are fed into the InterSession conversion utility (see below) to create InterSession Application profiles. The most commonly used parameters in the APPLDEFs will be retained (see list below).

The order of the applications on the menu screen are retained according to the APPLDEF parameters GROUP and ORDER.

User access to applications

The normal approach in CL/SUPERSESSION is to use external security (ie RACF) to specify user access to the applications. This is also a standard approach in InterSession and will need no conversion.

There is currently no support for copying static application lists (APPLISTs) to InterSession.

SSPL dialogs (session scripts)

CL/SUPERSESSION SSPL dialogs are completely different from and can be more complex than InterSession Session scripts. There is no conversion utility available for SSPL dialogs. New InterSession Session scripts must be created, preferably using the Procedure Recording facility of InterSession.

When running the conversion utility you will get a list of all dialogs found in the APPLDEF statements.

Screen Layouts

It is recommended that the pre-defined InterSession Screen Layout LIKEPRD5 is set as the DEFault layout. LIKEPRD5 resembles the sign on and menu screens used by your CL/SUPERSESSION installation. The main difference is the first line of the menu screen, which in CL/SUPERSESSION always contains an action menu. The InterSession equivalent is the "Top Line Menu" which is not part of the menu screen but instead can be brought up anywhere by using the "Attn" key.

Step 1. InterSession ToDo before running the Conversion Utility

The Screen Layout

Go into MAINT and select the LIKEPRD5 Screen Layout.
On the first page, set

Default layout ==> **YES**

Also on the first page, check the session commands (triggers) and adjust if necessary.

Sign out and sign on again. You will now see the LIKEPRD5 layout.
If necessary, adjust the sign on and menu screens in the LIKEPRD5 layout.

The Pre-defined Application profiles

You may not want the InterSession pre-defined Application profiles to show on the main menu screen. You may either delete them or set the attribute
Hide system ==> **YES** in each application profile.

Note that you must have at least one Application profile with

System type ==> **MAint..**

It is also recommended that you have at least one Application profile with

System type ==> **STAt.**

Important! When running the conversion utility, you must not have any profiles defined with the same name as any of your CL/SUPERSESSION applications.
If you do, the order of the applications will not be correct.

The System Options

In MAINT, select the System Options by typing your password. Select Security Options. Define the following:

External security system ==> **RACF** (or ACF2 or TSS)
External security class ==> **APPL** (may be another class)
Store extsec users in data base ==> **NO**

This means that the ordinary user (defined to RACF) can sign on to InterSession and get access to all applications that he is authorized to use according to RACF, where the application names are defined in the APPL class.

Now, page forward to the User/Application profile Defaults. Set the parameter

Command prefix ==> ****

which is equivalent to the CL/SUPERSESSION trigger prefix.
Also, adjust other settings if necessary.

Then go to Other System Options. Set the parameter

Use pass mode ==> NO

The User Profiles

When the ordinary user (which is defined to external security, ie RACF) signs on to InterSession, he will be automatically defined to InterSession, if not already present by an earlier manual addition of a User Profile.

With the System Option setting “Store extsec users in data base ==> NO”, the ordinary user will not be added to the InterSession data base and can therefore not be seen among the InterSession User Profiles.

However, any user that needs access to MAINT and STAT need to be defined explicitly as a User Profile in InterSession, since this access is controlled by the user profile parameters “System administrator” and “Master Operator”.

If you need a certain InterSession User Profile setting for all users that can not be set in the System Options user defaults (for instance the setting “Can use ad-hoc sessions = YES”) then you should define a User Profile with that setting and give its name in the Security Options as a model:

External security user model ==> (name)
Apply model at every signon ==> YES

If some users have a need for a specific User Profile setting, you should create a User Profile for those users.

Step 2. The Conversion Utility

The Conversion Utility converts CL/SUPERSESSION applications to the InterSession layouts. The copy process is made up of two steps:

- 1) The InterSession conversion utility is run, reading the APPLDEF members and creating a sequential file with InterSession maintenance records.
- 2) The InterSession maintenance utility is executed to send the maintenance records to the InterSession system, creating the InterSession User and Application profiles.

z/OS JCL

The following job is supplied in the installation source library under the name SUPINTS. Apply changes to the JCL as necessary.

```
//SUP2INTS JOB ,CLASS=A,MSGCLASS=X,REGION=0M
//STEP1 EXEC PGM=SUP2INTS
//STEPLIB DD DSN=INTS.VER720.LOADLIB,DISP=SHR
//SUPSIN DD DSN=supersession.appldef(member1),DISP=SHR
// DD DSN=supersession.appldef(member2),DISP=SHR
// DD DSN=.....
//INTSMNT DD DSN=INTS.MAINT.RECORDS,DISP=(NEW,KEEP),
// UNIT=unit,VOL=SER=volser,SPACE=(TRK,10),
// DCB=(RECFM=FB,LRECL=80,BLKSIZE=3200)
//SYSOUT DD SYSOUT=*
//SYSIN DD *
AUTHCHECK EXT
POOL name1 number1
POOL name2 number2
POOL .....
//*
//STEP2 EXEC PGM=INTSUTIL
//STEPLIB DD DSN=INTS.VER720.LOADLIB,DISP=SHR
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
APPLID=INTSUTIL
CONNECT APPLID=INTSESS [USER=systadmin PASSWORD=password]
MAINT INPUT=CARDS
// DD DSN=INTS.MAINT.RECORDS,DISP=(OLD,DELETE,DELETE)
//*
```

Comments to the JCL

First job step, the Input File

As input file the SUP2INTS utility is using your APPLDEF definition members. Specify them all as the concatenated data set SUPSIN.

First job step, the Parameter Cards

The SUP2INTS utility can be customized with a few parameter cards, as seen in the JCL above. These are:

AUTHCHECK EXT | INT | NO | LEAVE

If you omit this parameter, **AUTHCHECK EXT** is assumed, which means that you use RACF etc to control access to the applications. It will set the InterSession Application profile attribute "Authorization check" to EXT (for EXTERNAL security).

If you do NOT use RACF, include this command. **AUTHCHECK INT** means that you will use InterSession to control access. **AUTHCHECK NO** means that all users will have access to all applications. **AUTHCHECK LEAVE** may be useful if you for some

reason rerun the conversion utility, updating the already added InterSession Application profiles. The “Authorization check” attribute will then be left as it is.

POOL name number

CL/SUPERSESSION uses pool names, whereas InterSession uses numbers. Give here the CL/SUPERSESSION name and the InterSession equivalent number. Specify as many as you are using today, including the &DEFPOOL pool. You must later create these pools in InterSession (see below).

NOORDER

The conversion utility will arrange the newly added InterSession Application profiles in the same order as they are defined to CL/SUPERSESSION, using the APPLDEF parameters GROUP and ORDER. If you do not want to use this order, specify this parameter.

First job step, recognized APPLDEF parameters

The following APPLDEF parameters are handled by the conversion utility:

DEST
DESC
POOL
INITDLG
TERMDLG
COMPRESS
USERDATA
GROUP
ORDER

First job step, limitations

Currently, the SUP2INTS utility can handle up to 999 applications and up to 500 dialog names. If these numbers are exceeded, SUP2INTS will abend with an error message.

First job step, the Control Listing

The SUP2INTS utility produces a control listing. Check this listing for warning and error messages.

The control listing will also contain a list of all dialog names found in the APPLDEF members, which may guide you when writing the equivalent InterSession Session scripts.

Second job step

When executing the second job step, InterSession must be running, since the maintenance records are sent over a VTAM session to the online system where the actual update takes place.

In the InterSession system, an Interface of type BATCH must exist, where the VTAM APPLid must match the name of the APPLID card in the job above.

When InterSession is installed, such an interface exist in InterSession with APPLID=INTSUTIL.

Specify the APPLid of the InterSession system in the CONNECT card.

If you are using an external security system like RACF, ACF2 or Topsecret, you can submit the job from a TSO user that is also defined as an InterSession System Administrator.

Otherwise, you need to specify the id and password of an InterSession System Administrator in the CONNECT card.

Step 3. InterSession ToDo after running the Conversion Utility

The Control Listing

Check the SUP2INTS control listing for errors. Adjust and rerun if necessary.

InterSession APPL Pools

Enter MAINT, System Options and APPLpools.

Create pools according to your POOL parameter cards in the SUP2INTS utility.

The Session scripts

In the SUP2INTS control listing you will find a list of all all dialog names found in the APPLDEF members.

You now have to create InterSession Session scripts with these names.

See the pre-defined Session scripts TSOON and TSOOF as examples how to write these.

See the Installation & Customization manual, section “Session script Maintenance”.

Note also that you can use the Procedure Recording facility of InterSession. See the Installation & Customization manual, section “Session script Recording”.

Adding Application profiles manually

If you add new applications manually and want to control access to them with RACF, make sure you set the Application profile option

Authorization check ==> EXT

Step 4. Implementing the Exit Popup window

When a user exits Supersession, a popup window is produced. To mimic this popup window, do as follows:

1) Create two Application profiles of type “Logoff” with the names X1 and XX:

```
InterSession ----- Maintenance, Shared Application Profile -----
```

Application id X1 Change application id ==>

```

Application type ==> Logoff           Application start key ==>
      Menu level ==> 2
      Hide application ==> YES
Authorization check ==> NO
Cancel all sessions ==> NO
Disconnect terminal ==> YES
Remove VTAM LOGAPPL ==> NO

```

```
Application text, language codes 1-6:
1> Logoff, keep any appl sessions      2>
```

```
InterSession ----- Maintenance, Shared Application Profile -----
```

```
Application id XX          Change application id ==>
```

```

Application type ===> Logoff           Application start key ===>
      Menu level ===> 2
      Hide application ===> YES
Authorization check ===> NO
Cancel all sessions ===> YES
Disconnect terminal ===> YES
Remove VTAM LOGAPPL ===> NO

```

```
Application text, language codes 1-6:
  1> Logoff, cancel any appl sessions  2>
```

Note that “Disconnect terminal = YES” means that you are leaving InterSession entirely. If you want the Sign On screen to appear instead, change to “Disconnect terminal = NO”.

2) Create an Application profile with type “SScript” and the name XOFF:

InterSession ----- Maintenance, Shared Application profile -----

```
Application id X0FF          Change application id ==>
```

```

Application type ==> Script           Application start key ==>
Hide application ==> YES
Authorization check ==> NO
Script ==> XOFF

```

```
Application text, language codes 1-6:
1> Exit popup window          2>
```

Make sure that "Script" is set to XOFF.

3) Create a Script with the name XOFF:

```
A1      SET %IFA1=1
        MSGBOX BEGIN
        MSGBOX "                  Exit Menu
        MSGBOX ;
        MSGBOX ;Type a selection number and press ENTER.
        MSGBOX ;
        MSGBOX &%IFA1;1. Exit and terminate sessions
        MSGBOX ;      2. Exit and do not terminate sessions
        MSGBOX ;      3. Cancel exit menu
        MSGBOX ;
        MSGBOX END,KEYS=CANCEL
        IF %IFA1=1
            TERM APPL=XX
        IF %IFA1=2
            TERM APPL=X1
        IF %IFA1=3
            TERM
        GOTO A1
```

4) In your Screen Layout (LIKEPRD5 or your copy of it), set the names of the application profiles:

InterSession ----- Maintenance, Screen Layout 3/21 ----

Screen Layout LIKEPRD5 Sign On Screen 1/2

```
        Heading text ==> %Entry Validation%
Terminal keys:  Help ==> PF1   Logoff ==> PF3
        User signoff application profile ==> XOFF
        Timeout signoff application profile ==> XX
```

5) In the System Options, User Profile Defaults, set a value (number of minutes) in "Widow session timeout":

InterSession ----- Maintenance, User/Application Profile Defaults ----

User Profile Defaults:

```
        Password duration days ==> 030
        Terminal idle timeout ==> 120
        Standby at timeout ==> NO
        Standby idle timeout ==> 120
        Widow session timeout ==> 010
```

"010" means that any application sessions will be canceled after ten minutes if the option "2" is selected in the script. Note that this value is zero by default, meaning immediate cancellation.

The value can be overridden in the individual User Profiles.