



Dynamically Allocate STEPLIB and ISPF Libraries with **DYNA-STEP™**

DYNA-STEP Automates Dynamic Allocation of STEPLIB and ISPF Libraries to Save Time, Reduce Maintenance, and Save System Resources...

With DYNA-STEP, allocation of STEPLIB and ISPF datasets is removed from LOGON procedures, and automatically managed in product startup CLISTS and REXX Execs, allowing fewer and more efficient LOGON PROCs. The overall results includes faster TSO LOGONs, faster response time within most ISPF applications, and less maintenance associated with numerous LOGON PROCs. All this adds up to increased service levels, more efficient use of system resources, and real dollar savings.

DYNA-STEP now dynamically allocates additional ISPF and TSO library types such as ISPLLIB, ISPLLIB, ISPLMLIB, ISPTLIB, and ISPSLIB. In addition, DYNA-STEP enables users to dynamically allocate or alter any closed TSO DD statement, providing **complete flexibility to manage library and dataset concatenations on-the-fly.**

DYNA-STEP commands can be imbedded in CLISTS & REXX EXECs to automate STEPLIB allocation across applications.

```
CONTROL MAIN MSG LIST
ISPEXEC LIBDEF ISPLLIB DATASET ID('SYS2.FLS.R410.STFLPNLE')
ISPEXEC LIBDEF ISPLMLIB DATASET ID('SYS2.FLS.R410.STFLMSGE')
ISPEXEC LIBDEF ISPTLIB DATASET ID('SYS2.FLS.R410.STFLTBLE')
DYNASTEP ADD('SYS2.FLS.R410.STFLLOAD') FRONT
ISPEXEC SELECT PGM(ISRFLASH) NEWAPPL(TFL) PASSLIB
DYNASTEP
ISPEXEC LIBDEF ISPLLIB
ISPEXEC LIBDEF ISPLMLIB
ISPEXEC LIBDEF ISPTLIB
```

```
/***** REXX *****/
"DYNASTEP ADD ('JLH.RDS.R280.LOAD') MSG"
SAY 'Last message from VENDOR.CLIST (VENDORC)'
EXIT
```

Used in ISPF CLISTS,
**DYNA-STEP enables users to switch from test to
production versions by selecting ISPF menu options.**

The datasets allocated using DYNA-STEP function as actual STEPLIB datasets, just as those specified in a user's TSO LOGON procedure. The DYNA-STEP command format is compatible with the TSO allocate command and can be issued from TSO READY or ISPF. Under ISPF, each logical screen may allocate separate STEPLIB datasets independently of other split screens or while at TSO READY. With DYNA-STEP you can:

- ◆ **Dynamically allocate up to 128 data sets** to any DDNAME, including STEPLIB.
- ◆ **Dynamically alter the TSO/ISPF allocations** to immediately access multiple applications.
- ◆ **Expand or replace user's LOGON-specified STEPLIB allocations**, reducing the number of LOGON PROCs necessary and their maintenance.
- ◆ **Dynamically create new DDNAMEs** and / or insert libraries at any position into an existing DDNAME concatenation.
- ◆ **Execute "Push and Pop" commands** allowing multiple STEPLIB concatenations to be temporarily saved and restored anytime during the session.
- ◆ **Allocate or free libraries with TSO Command Processors** using CPLIB feature.
- ◆ **Reduce system I/O** and contention on STEPLIB volumes.
- ◆ **Shorten response times** and improve user service levels.



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Cut Your DB2 Upgrade and Maintenance Time

with

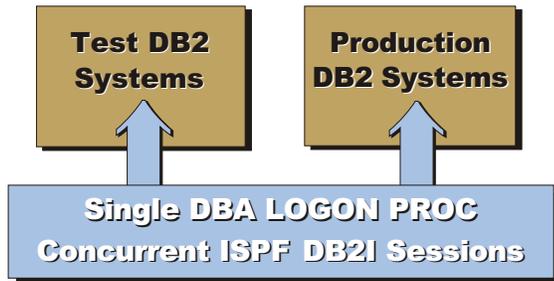
DYNA-STEP™

Dynamic STEPLIB & Library Management

DYNA-STEP™ enables you to access both test and production DB2 systems within your ISPF session, slashing the time required to upgrade and maintain DB2...

DYNA-STEP enables DB2 DBAs to switch between test and production DB2 systems simply by selecting a different option on an ISPF menu, eliminating the repetitive LOGOFFs and LOGONs typically required to switch between test and production systems.

Using DYNA-STEP, DBAs can STEPLIB to multiple DB2 systems, execute multiple DB2I sessions, and access different subsystems in one ISPF session, **dramatically reducing DB2 upgrade and maintenance time, and increasing DB2 service levels.**



Through DYNA-STEP, allocation of key DB2 datasets, such as .SDSNEXIT and .SDSNLOAD, is removed from LOGON procedures and dynamically allocated through CLISTS and REXX EXECs, or from the TSO READY prompt.

Removing STEPLIBs from LOGON PROCs and dynamically allocating DB2 STEPLIBs enables DBAs to transparently access multiple DB2 systems, while also reducing the need to maintain numerous LOGON PROCs. As a result, DB2 upgrades and maintenance are expedited, LOGON PROC and system library maintenance time is reduced, and all users enjoy faster TSO LOGONs and faster response time. **All this adds up to increased service levels and significant dollar savings.**

KEY Features

- ◆ **DYNA-STEP automates STEPLIB allocation** through startup CLISTS and REXX Execs, providing instant, transparent access to test and production DB2 versions and systems.
- ◆ **DYNA-STEP supports separate STEPLIBs at TSO READY and in each ISPF split screen**, up to 32 ISPF split screens.
- ◆ **DYNA-STEP provides commands to dynamically override standard library allocations** and provide temporary library access for testing or upgrades.

```
DSNEPRI          DB2I PRIMARY OPTION MENU          SSID: DSNC
Command ==>

Select one of the following DB2 functions and press ENTER.

1. SPUIFI          (Process SQL Statements)
2. DCLGEN          (Generate SQL and source language declarations)
3. PROGRAM PREPARATION (Prepare a DB2 application program to run)
4. PRECOMPILE      (Invoke DB2 precompiler)
5. BIND/REBIND/FREE (BIND, REBIND, or FREE plans or packages)
6. RUN             (RUN an SQL program)
7. DB2 COMMANDS    (Issue DB2 commands)

.....

DSNEPRI          DB2I PRIMARY OPTION MENU          SSID: DSNT
Command ==>

Select one of the following DB2 functions and press ENTER.

1. SPUIFI          (Process SQL Statements)
2. DCLGEN          (Generate SQL and source language declarations)
3. PROGRAM PREPARATION (Prepare a DB2 application program to run)
4. PRECOMPILE      (Invoke DB2 precompiler)
5. BIND/REBIND/FREE (BIND, REBIND, or FREE plans or packages)
6. RUN             (RUN an SQL program)
```

DYNA-STEP provides authorized users with efficient, direct access to multiple STEPLIBs, product versions, and DB2 subsystems. The result is increased user and machine productivity, adding up to significant dollar savings.

Learn How Citibank uses **DYNA-STEP** to increase DB2 service levels! Visit www.tonesoft.com/dynastep for the story, and request your **FREE** Evaluation!



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