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Dynamic ISPF Management via Program Launch Point

- Why use a Dynamic ISPF Management Tool?
  - Centralized tool to manage SCDC extensions to ISPF
  - Eliminates the need for *most* @product_startup REXXes/CLISTS. You can usually eliminate them completely or just invoke the sample provided by the Vendor.
  - Options to do ISPF Extension Management include:
    - The TRX commercial product (very nice, but probably overkill for SCDC)
    - Program Launch Point by Lionel Dyck and available at CBTTape.org
    - A Home grown ISPF Application.
      NOTE: Al Ferguson has one that is ISPF Table Driven
- Why use Program Launch Point to Manage Dynamic ISPF?
  - Free and Open Source; we have the code, but others contribute to enhancements and support.
  - Fairly simple and clean REXX to do this (<900 lines if code & comments).
  - This is referenced, recommended, and demonstrated in multiple SHARE & zOS Conferances. PLP is fairly well know, and used, solution for Dynamic ISPF.
  - Simplified support for including help for options
  - The Developer is willing to integrate, and then support, any required extensions developed by others
    (Lionel Dyck has already integrated Full Screen App and SYSOUT support for SCDC into PLP!)
- Installation Guide
- User's Guide

Installing PLP at SCDC

- Add REXX EXECs to *Standard* SYSEXEC Library
- Add ISPF Panels to *Standard* ISPPLIB Library
- Allocate an ISPF Table Library for the PLP Managed Tables
- Adding it to ISR@PRIM
- Add Product Menus to better group products by user group
- Add Product Options to the appropriate Menu.

> While PLP supports Dynamic STEPLIBs, we currently do not have the tools enabled to support this. Also, as these Tools do not work with OPS/MVS, the only product SCDC would use this for, there is no reason to enable them.

Sample Table Layouts

+ **All Apps Menu**
+ **Marketing Menu**
+ **Developer Tools Menu**
+ **Extraneous Functions Menu**
+ **Omvs Tools Menu**
+ **Operations Menu**
+ **Zos System Programmer Menu**
+ **Quick Ref Dynamic Definition**
- **Full Ispf Primary Panel**

```
   Menu  Utilities  Compilers  Options  Status  He

DEV2 TSAZFA                ISPF Primary Option Me
Option ===>

 0 Settings        Terminal and user parameters
 1 View            Display source data or listing
 2 Edit            Create or change source data
 3 Utilities       Perform utility functions
 6 Command         Enter TSO or Workstation comma
 7 Dialog Test     Perform dialog testing
11 Workplace       ISPF Object/Action Workplace

 A All SCDC Apps   SCDC Custom Applications Menu
 B Browse Reports  SCDC Extraneous Reports Menu
 M Marketing       SCDC Marketing Menu
 D Developer       SCDC Developer Tools Menu
 O OMVS            SCDC OMVS Tools Menu
```

```
OP Operations      SCDC Operations Menu
SP SysProg         SCDC zOS System Programmer Mer

 X EXIT            Exit ISPF using log/list defau
XL LOGOFF          Exit ISPF and LOGOFF TSO
```

Panel Options A-SP will display, and become available, depending on the USERID being logged onto. This is the display for a **TS???** USERID.

An Example (QuickRef) of using ISPF Commands

- Add the **QREF** (Quick Ref) Command to a Site or User Command Table. Generally, if the command is available to everyone, adding it to a Shop Command Table is OK. If it is only available to a limited audience, add it to a User Command Table.
- To add support for the **QREF** ISPF Command
  - Edit the appropriate ISPF Command Table (use 3.9 or 3.16)
  - Use **QREF** as the Verb
  - Set Length to **0** (must spell out entire command)
  - Use **SELECT CMD(%PLPISPF Q &ZPARM) NEWAPPL(PLP) NOCHECK** as the Action
  - Supply a Description like **Fast-Path to ChicagoSoft MVS/Quickref Reference Tool**
  - Save the Command Table Changes
- You will probably need to LOGOFF and LOGON for this to take effect
- Allocations and Product invocation are managed by PLP!
- This command retains it Point-and-Shoot Capabilities, so it can be assigned to a PFKey in SDSF to replace the PF6 "BOOK" command (unsupported by SCDC)! Now we have:
  - Point-and-Shoot capability in SDSF
  - No need to add Quick-Ref's DSNs to all TSO LOGON PROCs. This helps in:
    - Keeps Maintenance practices as High Availability (no impact to TSO LOGON PROCs)
    - Reduces TSO Overhead when not in use
    - Simplifies maintenance practices if the vendor makes changes to the product
  - No Invocation REXX to create, maintain, and manage.

Miscellany PLP Points

- Removed the need for the following @product_startup REXXes:
    - @$AVR - SEA $AVRS
    - @ESP - Cybermation ESP Scheduler
    - @CA1 - CA-1 Tape Management tool
    - QuickRef - Updates to LOGON PROCs
    - VTAMPrint - Both Startup REXXes
    - Others were able to use the un-altered, vendor provided, startup scripts.
- PLP is **not** an ISPF Security tool. Just like before you still need to lock down the DSNs & Programs a product uses, and has access to.