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WebSphere® software

IBM ISPF Productivity Tool for z/OS, Version 5.9

Highlights

■ *Helps users increase daily performance and productivity using ISPF tools by minimizing the keystrokes and panel navigation required to perform specific tasks*

■ *Provides additional tools designed to help increase user productivity*

■ *Gives users extensive search capabilities*

■ *Consolidates native ISPF and third-party tools to provide automatic and integrated access to files and objects*

■ *Provides drill-down capabilities to navigate and locate volumes and data sets with extended functions at all levels*

A common need for productivity

Your staff members are likely to be as diverse as your applications. Many people have experience working with IBM Interactive System Productivity Facility (ISPF) for many years and know their way around the panels quickly, while others are new to the IBM System z™ environment and were trained in workstation GUI tools and interfaces. One common trait, however, is that when they work in ISPF, they are looking for tools that offer time-saving advantages.

ISPF Productivity Tool for z/OS

IBM ISPF Productivity Tool for z/OS is a tool for users across the spectrum. It increases the productivity of your existing ISPF users and helps attract new people to the System z platform by giving them tools to become efficient quickly.

For those adopting IBM WebSphere® Developer for System z development, many applications and tools will continue running under Time Sharing Option (TSO) for years to come, and ISPF will remain a key tool to manage the environment. System programmers will continue to manipulate Job Control Language (JCL), compress partitioned data sets (PDS), search across concatenated libraries and perform a variety of other tasks in support of your System z environment.

ISPF Productivity Tool for z/OS boosts productivity for developers, system programmers, technical support, and operations and control personnel alike — all ISPF users.

Feature	Advantage	Benefit
	ISPF Productivity Tool for z/OS is designed to help:	
Command shortcuts with customization options	Provide easier access to most product functions from any application panel when compared with using ISPF directly.	Increase productivity of users.
Extensive user commands, search and drill-down capabilities	Provide capabilities not found in ISPF that allow users to navigate, search and perform functions on data sets and volumes.	Increase productivity of users.
Object list (OLIST) object browser	Allow users to group various types of data sets, as well as name patterns, in a single project file.	Increase productivity by keeping related project files in one list.
Expanded functions into the Member List, OLISTs and data set list (DSLIST)	Enable users to perform functions on objects not supported by ISPF, including: Virtual Storage Access Method (VSAM) files, UNIX® System Services (USS) files, PC files, DB2 tables, source-code library-system files and other object classes. This allows users to perform multiple functions on various members or file types without switching to other utilities. Users can also perform each function on all or a subset of displayed objects using a single command.	Increase productivity of users.
Hotbars and field-sensitive areas in member selection lists (MSLs) and OLISTs	Provide users with facilities to prompt action upon cursor selection.	Increase productivity of users.
Expanded clipboard function	Allow users to store and reuse common components across ISPF sessions, such as JCL statements and search commands.	Increase productivity of users and reduces keying errors.
Expanded TSO option	Allow users to store frequently used TSO commands across ISPF sessions and invoke them from any application panel.	Increase productivity of users and reduces keying errors.
Point and shoot	Provide powerful functions that allow users to place the cursor on a data set name or member name from any panel, and view or act upon the named object.	Increase productivity of users.

Extended functions

ISPF Productivity Tool for z/OS is an enhancement to the TSO-ISPF environment that improves its productivity and performance. ISPF Productivity Tool for z/OS integrates seamlessly into the most-frequently used ISPF functions, including BROWSE, EDIT, VIEW and DSLIST.

Object types

ISPF Productivity Tool for z/OS extends the functions provided by ISPF for standard data sets to other objects, including VSAM files, IBM z/OS® UNIX System Services files, PC files, IBM DB2® tables, as well as other object classes. It supports files stored in source-code library systems, such as IBM Software Configuration and Library Manager (SCLM), CA-Librarian and CA-Panvalet, allowing the extended functions to be available while you manage your source code.

List options

ISPF Productivity Tool for z/OS provides expanded functions for the Member List option, the DSLIST option and a new powerful object browser called OLIST. OLISTs look and function much like DSLISTs. They can contain references to a wide variety of object classes in the same list, where they can be edited, viewed or browsed using a single command from a single screen. This allows the resulting member, data set and object lists to become powerful platforms, where you can perform many tasks without navigating to other utilities.

Command shortcuts

ISPF Productivity Tool for z/OS offers a set of 47 command shortcuts that can be entered from a panel. The shortcut names are intuitive and intended to be easily remembered, providing a quick way to invoke most ISPF Productivity Tool for z/OS functions on the spot. However, to avoid conflicts, each of the verbs for the shortcuts can be either disabled or changed to a different name by the user.

TSO option

An expanded TSO option is available, which can store all TSO commands in one of two user-defined libraries: the history command list area and a persistent table library. The library can be dynamically allocated or disabled. The history command list area stores the last 999 commands issued, while up to 999 frequently used commands can be stored instead in the persistent table library.

Both command lists can be edited, browsed, saved and restored. Selecting the TSO command option then presents users with a screen, where they can enter a new command or select a previously stored command from command lists.

Search capabilities

ISPF Productivity Tool for z/OS provides more-extensive search capabilities that are faster and more intuitive than ISPF by itself. You can easily search for volumes, data sets, members and text within members. ISPF Productivity Tool for z/OS also furnishes automatic drill-down system navigation to pinpoint volumes, data sets and members.

IBM ISPF Productivity Tool for z/OS, Version 5.9 at a glance

Hardware requirements

Any vendor hardware explicitly compatible with and fully capable of running the specified operating system, the corresponding supporting software and the associated applications, unmodified. Responsibility to provide a statement of full compatibility between machines lies with the original equipment provider.

Software requirements

- ISPF, Version 5.2 or later
- IBM z/OS, Version 1.4 or later

Action prompting

In addition to ISPF point-and-shoot capabilities, ISPF Productivity Tool for z/OS has facilities that prompt actions upon cursor selection:

- *Hotbars (user-defined fields that run commands)*
- *Field-sensitive areas in MSLs and OLISTs*

Additional enhancements

Additional enhancements are offered for other functions as well, such as:

- *Cut-and-paste — allowing up to 200 separate clipboards, which can be saved permanently across ISPF sessions.*
- *Print functions — used to control the output destination, group different print requests together and so on.*
- *ISPF dialog development.*

All this adds up to a significant improvement in your productivity when using ISPF.

For more information

To learn more about IBM ISPF Productivity Tool for z/OS, contact your IBM representative or IBM Business Business Partner, or visit:

ibm.com/software/awdtools/ ispfproductivitytool