

SYSBPM Utility - Buffer Pool Management

The utility SYSBPM is used for managing buffer pools of the types "Natural buffer pool", "DL/I buffer pool" or "sort buffer pool"; see also keyword subparameter TYPE of the NTBPI macro.

SYSBPM provides statistical information on the current status of the buffer pool including the buffer pool cache and on the Natural programming objects loaded in the buffer pool (BP) and the BP cache. SYSBPM also provides administration functions.

For a general description of the Natural buffer pool, refer to the Natural Operations for Mainframes documentation.

The buffer pool is defined with the macro NTBPI in the Natural parameter module, or with the corresponding dynamic profile parameter BPI, both of which are described in the Natural Parameter Reference documentation.

Note:

In the SYSBPM documentation, buffer pool is also referred to as BP.

The SYSBPM utility documentation covers the following topics:

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| ● Invoking and Operating SYSBPM | Invoking the SYSBPM utility and selecting functions with the SYSBPM Main Menu. Using SYSBPM in a Sysplex environment. |
| ● List Objects | Displaying information on the objects loaded in the buffer pool and/or the BP cache. Specifying objects or a range of objects to be displayed. |
| ● Delete Objects | Deleting objects from the buffer pool and the BP cache. |
| ● Directory Information | Displaying the full directory of an object loaded in the buffer pool or the BP cache. |
| ● Hexadecimal Display | Displaying an object loaded in the buffer pool in hexadecimal format. |
| ● Write to Work File | Writing to a local file or a PC text file the directory information of the objects loaded in the buffer pool and/or the BP cache. |
| ● Display Sorted Extract | Displaying a sorted and limited list of the objects loaded in the buffer pool or the BP cache. |
| ● Buffer Pool Statistics | Displaying object-independent statistics on the buffer pool including hash table statistics. |
| ● BP Cache Statistics | Displaying statistics on the BP cache including general BP cache statistics, BP cache call statistics and BP cache hash statistics. |
| ● Select Buffer Pool | Displaying, selecting and resetting buffer pools defined in your Natural environment. |
| ● Blacklist Maintenance | Maintaining a blacklist of objects which are not to be executed and loaded into the buffer pool and, if they are already in the buffer pool, which are to be deleted. |
| ● Preload List Maintenance | Maintaining a preload list where you can specify the names of objects to be loaded into the buffer pool on its initialization. |
| ● SYSBPM Direct Commands | Using direct commands for executing SYSBPM functions. |
| ● Batch Processing | Executing SYSBPM in batch mode. |
| ● Appl. Programming Interfaces | Using application programming interfaces for handling the objects loaded in the buffer pool. |

