

SYSBPM Utility - Buffer Pool Management

The utility SYSBPM provides statistical information on the current status of the Natural buffer pool including the buffer pool cache and on the objects currently contained in the buffer pool and buffer pool cache. SYSBPM also offers administration functions.

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

Some functions of the SYSBPM utility can only be executed if the buffer pool has been initialized with PLUGIN=BP. For local buffer pools, PLUGIN is defined as a Natural profile parameter in the NATPARM parameter module. For global buffer pools, PLUGIN is defined with the CREATE function used to start the buffer pool.

Note:

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

This documentation covers the following topics:

- **Invoking and Operating SYSBPM** Describes how to invoke the utility and how to select functions by using the SYSBPM Main Menu.
Provides information on the maintenance of further buffer pools and the use of SYSBPM in a Sysplex environment.
- **Buffer Pool Statistics** Provides buffer-pool-related, object-independent statistics functions including hash table statistics.
- **BP Cache Statistics** Describes the buffer pool (BP) cache statistics functions including general BP cache statistics, BP cache call statistics, BP cache hash statistics, and individual cache object statistics.
- **Individual Object Statistics** Provides information on the objects currently contained in the buffer pool.
- **Object Directory Information** Displays the full directory of an object currently contained in the buffer pool.
- **Display Object Hexadecimal** Displays an object currently contained in the buffer pool in hexadecimal format.
- **Delete Object from Buffer Pool** Describes how to delete one or more objects from the buffer pool.
- **Blacklist Maintenance** Describes how to maintain a so-called blacklist of Natural objects which are not to be executed and loaded into the buffer pool or, if they are already in the buffer pool, which are to be deleted.
- **Preload List Maintenance** Describes how to maintain a so-called preload list where you can specify the names of Natural objects to be loaded into the buffer pool on its initialization.
- **SYSBPM Direct Commands** Lists the direct commands provided to execute SYSBPM functions.