

# CONTROL THE INDEX MANAGER

The Index Manager is a task which receives spool entries from Monitors and places specified values in them into Indexes. Users can then search the Indexes. The Index Manager uses Index Specifications to process spool entries. For more information, refer to Chapter 14, "Define Index Specifications". The Index Manager is started using the **STRIDXMGR** command. It is ended using the **ENDIDXMGR** command.

## *Starting the Index Manager*

Issue the **STRIDXMGR** command to start the Index Manager. Only one Index Manager task can be active. The **STRIDXMGR** parameters are as follows:

### **Startup Type (STRTYPE) Parameter**

Specifies the type of start up to perform:

**\*NORMAL:** Specifies a normal start up. If the Index Manager did not end normally, recovery will be attempted. For most situations, **\*NORMAL** should be specified.

**\*RESET:** Specifies that the Index Manager should skip any spool entry requests (sent by Monitors) which are not complete, and start with the next request. Please note that the Index Manager receives spool entry requests from Monitors via a data queue, and some requests span multiple data segments. In most circumstances the Index Manager can recover with the **\*NORMAL** option even if it ended abnormally in the middle of processing a request block. However, if the Index Manager has a problem starting normally, the **\*RESET** option may allow the Index Manager to start. Please note that user index entries may be lost if **\*RESET** is specified.

**\*COLD:** Specifies that the Index Manager should clear its input data queue. All spool entry requests sent by Monitors will be ignored. Spool entries which were to be processed into Indexes will be skipped. All Monitors which send spool entries to the Index Manager should be stopped before starting the Index Manager with **STRTYPE(\*COLD)**.

## *Ending the Index Manager*

Specify the **ENDIDXMGR** command to end the Index Manager. The Index manager will end after it finishes processing the current spool entry request from a Monitor.

### **Wait Until Ended to Continue (WAITEND) Parameter**

Specifies if control is returned to the calling program immediately or after the Index Manager ends.

**\*NO:** Control is returned to the calling program immediately.

**\*YES:** Control is returned to the calling program only after the Index Manager has ended. This option may be useful if tasks which need the Index Manager to be down, such as a backup of library

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**BDSDATA**, is performed in a **CL** program after the **ENDIDXMGR** command.

## *Applying Index Descriptions to Production*

SpoolOrganizer maintains **2** copies of the Index Specifications, an **Administrative Copy** and the **Production Copy**. The index Manager and Monitors which process Index Specifications must be ended before the **APYIXSCHG** command is executed. The **APYIXSCHG** command has no parameters.

## *Display Production Specifications*

Index Specifications are used by the Index Manager, and by Monitors to process spool entries. Two sets of Index Specs exist in SpoolOrganizer; an **Administrative Copy** and a **Production Copy**. This allows the administrator to make changes while the Monitors/Index Manager are active. The **APYIXSCHG** command copies the administrative copy into the production copy. Menu options allow the administrator to display/change the administrative copy and allow users to display the production copy.