

PREFETCH : Activate Prefetch Feature

Parameter	Specify . . .	Possible Values	Default
PREFETCH	whether to enable a prefetch option automatically.	YES OLD NO	NO

This parameter determines whether the Adabas prefetch feature is enabled automatically; if it is, execution is transparent to the user program.

There are two Adabas prefetch options: the multifetch option is supported across Adabas platforms; the prefetch option is available only on mainframe Adabas. For information about these two options, see the Adabas Command Reference documentation.

Records can be prefetched and stored in a prefetch buffer for the following commands:

- L1/L4 with I or N option (read by ISN, find with GETNEXT)
- L2/L5 (read physical)
- L3/L6 (read logical by descriptor)
- L9 (histogram)

Sequential commands of the types listed above can retrieve the next record from the prefetch buffer, which saves cross-region/cross-network calls to the nucleus.

The PREFETCH parameter has the following values:

Value	Meaning
YES	Adabas enables the command-level multifetch (M) option.
OLD	Adabas enables the command-level prefetch (P) option.
NO	Adabas does not enable the prefetch feature.

Note:

Specify PREFETCH=YES or PREFETCH=OLD only when MODE=MULTI (multiuser mode). Do not specify these settings when running Adabas utilities. Dynamic reversal of read direction for L3/L6/L9 is not supported with these settings.

Example 1:

Execute a user program using multifetch.

```
ADARUN PROG=USER, PREFETCH=YES
```

Example 2:

Execute a user program using prefetch.

```
ADARUN PROG=USER,PREFETCH=OLD
```