

Natural Work Files under CICS

This document discusses the use of Natural work files under CICS. It covers the following topics:

- Customizing Work File Usage
 - CICS Temporary Storage Work Files
 - CICS Transient Data Work Files
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Customizing Work File Usage

The Natural CICS interface supports Natural work files in CICS either as CICS transient data queues or as CICS temporary storage queues, both auxiliary and main.

To customize usage, set the following subparameters in the WORK profile parameter:

```
AM=CICS, TYPE=TD/AUX/MAIN, DEST=queuename
```

For more information on the WORK profile parameter and on how to set the above subparameter values, see the NETWORK macro (refer to Parameter Modules in the Natural Parameter Reference documentation).

CICS Temporary Storage Work Files

CICS temporary storage queues, both auxiliary and main, for CICS work files are RECFM=V files by design, available for input and output.

Although in Natural under CICS there is no exclusive control of a specific TS queue by a Natural session, you can automatically create session- or terminal-dependent work files by specifying the string defined in the NCIPARM TERMVAR parameter in the DEST subparameter. When such a string is found within the eight-character DEST subparameter, it is replaced by the actual terminal ID.

In CICSplex Environment

When running in a CICSplex environment, Natural work files in CICS temporary storage must be defined as TYPE=SHARED or TYPE=REMOTE in a CICS TST.

System Queues

In Natural under CICS, system queues cannot be accessed. (System queues are TS queues with a prefix defined in the TSKEY parameter of macro NCMDIR.)

CICS Transient Data Work Files

A CICS transient data queue for a Natural CICS work file must be defined in the CICS DCT. For indirect destinations, the attributes of the *base* destinations are propagated. In particular, the attributes of an *extra-partition* destination, such as RECFM or TYPEFLE, determine the Natural work file attributes.

Intra-partition destinations have RECFM=V set by design and are available for both input and output.

CICS transient data work files are "shared files" in the sense that more than one session may issue I/Os against such a file.

