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Adabas System Coordinator

Adabas System Coordinator Parameters

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Adabas System Coordinator

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This document describes the Adabas System Coordinator parameters.

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2   Parameter Types

Adabas System Coordinator operation is controlled by the following types of parameters:

- *Runtime controls* are used to control the operation of the jobs managed by Adabas System Co-ordinator

- *Daemon group parameters* are used to define the Adabas System Coordinator daemon environment.

Adabas System Coordinator parameters can be maintained using Adabas System Coordinator Online Services, function Maintenance.

Parameter Descriptions

This section provides a description of each Adabas System Coordinator parameter:

Client Runtime Controls	Daemon Group Parameters
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Client Runtime Control Parameters

This section describes the client runtime control parameters.

Control Name

Parameter Type	Use	Minimum	Maximum	Default
Client Runtime Control	For a batch job, or a standard (single-job) TP monitor, this is the name of the job. If the value '*' is specified, the control will be used for all jobs that do not have a specific control defined. For a multi-job TP monitor service, this is a unique name for the service. Individual jobs within the service are defined as Service Member Names, using the runtime control Expand function.	1 character	8 characters	see text

Service Member Name

Parameter Type	Use	Minimum	Maximum	Default
Client Runtime Control	The name of a job that runs as part of a multi-job TP monitor service. This control is maintained with the runtime control menu Expand service.	1 character	8 characters	see text

Operation Mode

Parameter Type	Use	Possible Values	Default
Client Runtime Control	Indicate operation mode for COR	Auto-Detect Enable COR even if no products Disable all products including COR	Auto-Detect

Display activities

Parameter Type	Use
Client Runtime Control	You can use a System Coordinator daemon to enable "single-seat" display of session activities in any client job. To enable a client job for this feature, specify: ■ The group in which the daemon runs. When you choose to make these statistics available externally a daemon is required. During periods when the daemon is unavailable (planned or unplanned outage) statistics are unavailable. ■ The frequency at which statistics are refreshed

Parameter Type	Use
	■ Every *nnnnnnn* Adabas calls and/or ■ Every *nnnnn* seconds Set both to zeroes to disable the refresh. **Note:** For dynamic transaction routing (DTR) systems (CICS/MRO, CICS/PLEX, IMS/TM, UTM) you must always specify a group, even if you do not want to make use of "single-seat" activity displays. This is because the System Coordinator daemon is also responsible for managing DTR client sessions while they are at rest.

API Runtime Overrides

Parameter Type	Use	Possible Values	Default
Client Runtime Control	Indicates whether controls can be dynamically overridden at runtime via a customised API call to COR.	Y | N	N

Threadsafe operation

Parameter Type	Use
Client Runtime Control	This parameter is only applicable to runtime controls of type CICS and CICS/DTR and specifies whether or not the System Coordinator client environment runs in CICS threadsafe mode.

Use Additional Exits

Parameter Type	Use	Default
Client Runtime Control	Enables calling of additional installation exits (IEXIT1, IEXIT2) before and after the Adabas command. Refer to Before You Install in the Installation section for information about installing additional exits.	N

Maximum Idle Time

Parameter Type	Use	Possible Values	Default
Client Runtime Control	Indicates a time limit after which terminal sessions are eligible for timeout termination if no activity has occurred.	0 - nnnnnnnnn seconds	Terminal Sessions: 3600 seconds

Non-Terminal Idle Time

Parameter Type	Use	Possible Values	Default
Client Runtime Control	Indicates a time limit after which non-terminal sessions are eligible for timeout termination if no activity has occurred.	0 - nnnnnnnnn seconds	none

Generate RSP0009/0079

Parameter Type	Use	Possible Values	Default
Client Runtime Control	Indicates a time limit for sessions that are timed out to receive response code 9, subcode 79 if they are re-activated.	Y|N (enable or diasble RSP0009/0079 setting) 0-nnnnnnnnnn (time limit for setting RSP0079/0009	Y 0

Latency Controls

Parameter Type	Use
Client Runtime Control	Specify where context information is stored when sessions are at rest. For standard jobs (local mode, the default) all context resides in local CICS memory, but you can specify a prefix for a Temporary Storage queue where the context can be stored too. There are other options which are normally used by dynamic transaction routing (DTR) systems (CICS/MRO and/or CICS/PLEX). These options require that the job runs with a local daemon. Select one of: ■ disk file: this is mandatory for multi-system DTR and for crash-recovery operation ■ a dataspace ■ local memory in the daemon

Site Information Menu Function

Parameter Type	Use
Client Runtime Control – Information Menu option	Used to define up to 256 bytes of alphanumeric data, which is stored with the runtime control definition and may be retrieved at runtime using the site information API.

Transaction, Stepname or Login Override (Override function)

Parameter Type	Use	Possible Values
Client Runtime Control – Override Menu option	Used to define runtime overrides of the basic control for the job. After definition the override can be modified with the Modify menu option.	Depending on Job Type, Stepname, Login or Transaction overrides can be defined.

Cleanup at Start, Cleanup at End

Parameter Type	Use	Possible Values	Default
Client Runtime Control Override	Indicate whether session cleanup is required when a session override is activated (Cleanup at Start) or deactivated (cleanup at End).	Y | N	N

Runtime Messages

Parameter Type	Use	Possible Values	Default
Client Runtime Control	Indicates where messages are written.	Console message job log Local DDMSG file Forward to the Daemon DDMSG file	Console

Daemon Parameters

This section describes the daemon parameters.

Automatic Pool Recovery

Parameter Type	Use	Possible Values	Default
Daemon Group	Indicates whether or not automatic pool recovery is to be in effect. Automatic pool recovery ensures that, should a Adabas System Coordinator daemon fail for any reason, existing client sessions will continue to operate. When the daemon is restarted, it will recover the user pools from the failing daemon.	Y | N	Y

Daemon Group Name (Daemon Group Parameter)

Parameter Type	Use	Default
Daemon Group	The identifier for a daemon group. In a sysplex environment, this is the XCF group name.	none

Daemon SVC

Parameter Type	Use	Default
Daemon Group	The router (SVC) number that is used for communicating with the group. This must be the same in all parts of a cluster.	none

Runtime messages – daemon

Parameter Type	Use	Possible Values	Default
Daemon Group	Indicates where messages are written for daemons.	Console message job log Local DDMSG file in the daemon job	Console

Runtime messages – database

Parameter Type	Use	Possible Values	Default
Daemon Group	Indicates where messages are written for databases.	Console message job log Local DDMSG file in the database job	Console

System Type

Parameter Type	Use	Possible Values	Default
Daemon Group	Type of coordination to be performed by the daemon group Possible values are: ■ Single: A single system is to be coordinated. ■ Multi - XCF: Multiple systems are to be coordinated with no dynamic transaction routing support across the systems. XCF is used for cross-system communications. ■ Multi - Net-Work: Multiple systems are to be coordinated with no dynamic transaction routing support across the systems. Entire Net-Work is used for cross-system communications.	Single Multi-XCF Multi-Net-Work Sysplex	none

Parameter Type	Use	Possible Values	Default
	■ Sysplex: Multiple systems are to be coordinated with dynamic transaction routing support across the systems.		