

Adabas System Coordinator

Adabas System Coordinator Parameters

Version 8.1.2

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Adabas System Coordinator

This document applies to Adabas System Coordinator Version 8.1.2 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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1 Adabas System Coordinator Parameters

This document describes the Adabas System Coordinator parameters.

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2 Parameter Types

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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 Coordinator
- *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
Control Name	Daemon Group Name
Service Member Name (Expand function)	Daemon SVC
Operation Mode	System Type
Estimated Client Sessions	Cluster Facility Name
API Runtime Overrides	Automatic Pool Recovery
Memory Pool Extents	
Use Additional Exits	
Group	
Maximum Idle Time	
Non-terminal Idle Time	
Generate RSP0009/0079	
Site Information Menu Function	
Transaction, Stepname or Login Override (Override function)	
Cleanup at Start, Cleanup at End	

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

Estimated Client Sessions

Parameter Type	Use	Default
Client Runtime Control	This parameter is used to determine the approximate size of the Adabas System Coordinator user pool where ■ type "a" represents batch, TSO, CMS, and TIAM jobs ■ type "b" represents Com-plete, CICS, CICSplex, IMS, and UTM jobs	type a: 2 type b: 1000

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

Memory Pool Extents

Parameter Type	Use	Default
Client Runtime Control	Determines the initial size of all fixed memory pool extents managed by the Adabas System Coordinator.	256

Use Additional Exits

Parameter Type	Use	Default
Client Runtime Control	Enables calling of additional installation exits before and after the Adabas command.	N

Group

Parameter Type	Use
Client Runtime Control	The group name of a System Coordinator daemon that is to manage the job.

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-nnnnnnnnnnn (time limit for setting RSP0079/0009	Y 0

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

Daemon Parameters

This section describes the daemon parameters.

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

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. ■ Sysplex: Multiple systems are to be coordinated with dynamic transaction routing support across the systems.	Single Multi-XCF Multi-Net-Work Sysplex	none

Cluster Facility Name

Parameter Type	Use	Default
Daemon Group	The name of the coupling facility cache structure defined in the installation process. This name is only required when using a sysplex environment.	none

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

