Adabas System Coordinator

Adabas System Coordinator Parameters

Version 7.4.2

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This document applies to Adabas System Coordinator Version 7.4.2 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.

Table of Contents

1 Adabas System Coordinator Parameters

This document describes the Adabas System Coordinator parameters.

- **Parameter Types**
- **Parameter Descriptions**

2 Parameter Types

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

- *Job parameters* control the operation of the jobs managed by Adabas System Coordinator
- *Daemon group parameters* 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:

Job Parameters	Daemon Group Parameters
Clustered Application Service Name	Automatic Pool Recovery
Daemon Group Name	Cluster Facility Name
Daemon Managed Job	Daemon Coordination Type
Daemon Managed Sessions	Daemon Group Name
Estimated Client Sessions	Daemon SVC
Fixed Memory Pool Size	
Job Name	
Maximum Idle Time	

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

Clustered Application Service Name

Parameter Type	Use
Job	The service name of the clustered application service that is to manage the job. This name is required if the job uses dynamic transaction routing. The same group and service name must be used for all jobs that are part of the same clustered application.

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

Daemon Coordinator 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: Multiple systems are to be coordinated with no dynamic transaction routing support across the systems. ■ Sysplex: Multiple systems are to be coordinated with dynamic transaction routing support across the systems.	Single Multi Sysplex	none

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 Group Name (Job Parameter)

Parameter Type	Use
Job	The group name of the clustered application service that is to manage the job. This name is required if the job uses dynamic transaction routing. The same group and service name must be used for all jobs that are part of the same clustered application.

Daemon Managed Job

Parameter Type	Use	Possible Values	Default
Job	Indicates whether or not this job is a clustered application which will be managed by an Adabas System Coordinator daemon. This parameter must be set to Y if the job uses dynamic transaction routing.	Y | N	N

Daemon Managed Sessions

Parameter Type	Use
Job	Indicates which sessions are to be managed by the Adabas System Coordinator group. This is required only for clustered applications. If non-terminal (“background”) sessions do not participate in dynamic transaction routing it is not necessary for them to be managed by the coordinator group. Since, in some installations non-terminal sessions may be very frequent, it will be more efficient to exclude them.

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

Estimated Client Sessions

Parameter Type	Use	Default
Job	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

Fixed Memory Pool Size

Parameter Type	Use	Default
Job	Determines the initial size of all fixed pools managed by the Adabas System Coordinator.	256

Job Name

Parameter Type	Use	Minimum	Maximum	Default
Job	The name of the job to be managed by the Adabas System Coordinator. If the value 'D' is specified, the default values for the job type will be used.	1 character	8 characters	see text

Maximum Idle Time

Parameter Type	Use	Possible Values	Default
Job	Indicates a time limit after which sessions are eligible for timeout termination if no activity has occurred. Sessions that are timed out will receive response code 9, subcode 79 if they are re-activated.	0 - nnnnnnnnn seconds	Terminal Sessions: 3600 seconds Background Sessions: none

Index