

# 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 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.

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## 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 | <p>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.</p> <p>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.</p> | 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<br><br>Enable COR even if no products<br><br>Disable all products including COR | Auto-Detect |

**Estimated Client Sessions**

| Parameter Type         | Use                                                                                                                                                                                                                                                                                             | Default                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Client Runtime Control | <p>This parameter is used to determine the approximate size of the Adabas System Coordinator user pool where</p> <ul style="list-style-type: none"> <li>type "a" represents batch, TSO, CMS, and TIAM jobs</li> <li>type "b" represents Com-plete, CICS, CICSplex, IMS, and UTM jobs</li> </ul> | type a: 2<br>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 - nnnnnnnnnn 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 - nnnnnnnnnn 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 disable RSP0009/0079 setting)<br><br>0-nnnnnnnnnn (time limit for setting RSP0079/0009) | Y<br><br>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.<br><br>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<br><br>Possible values are: <ul style="list-style-type: none"> <li>● Single: A single system is to be coordinated.</li> <li>● Multi - XCF: Multiple systems are to be coordinated with no dynamic transaction routing support across the systems. XCF is used for cross-system communications.</li> <li>● 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.</li> <li>● Sysplex: Multiple systems are to be coordinated with dynamic transaction routing support across the systems.</li> </ul> | Single<br>Multi-XCF<br>Multi-Net-Work<br>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       |