

# Operations

This documentation contains information needed to operate the Adabas nucleus, Adabas utilities and user programs that call Adabas.

The following summarizes the topics covered by this documentation:

●	<i>Controlling the Adabas Environment</i>	Provides an overview of the Adabas operating structure.
●	<i>Adabas Initialization (ADARUN)</i>	<p>Describes the use of ADARUN control parameters. ADARUN is the Adabas control module and the control statement name. The ADARUN control statement invokes the Adabas nucleus and the Adabas utilities, and defines the Adabas operating environment.</p> <p>User programs are executed according to normal operating system conventions, and communicate with the nucleus in various ways depending on the operating system environment. Batch and TSO user programs normally communicate with Adabas through ADARUN.</p>
●	<i>Operator Commands</i>	<p>Describes Adabas operator commands that can be entered on the console during an Adabas session or during utility operation to terminate an Adabas or user session; display nucleus or utility information; log commands into CLOG; or change Adabas operating parameters or conditions. Commands are listed alphabetically. One command, DSTAT, is listed twice: once as a command for displaying nucleus status, and separately as a command to display current Adabas utility operating status.</p> <p>For Adabas Caching Facility operator commands, see the Adabas Caching Facility documentation. For Adabas Parallel Services operator commands, see the Adabas Parallel Services documentation. For Adabas Cluster Services operator commands, see the Adabas Cluster Services documentation.</p>
●	<i>Adabas Session Execution</i>	Lists the job control statements required to execute a session under the BS2000, OS/390 or z/OS, VM/ESA or z/VM, and VSE/ESA operating systems, and shows examples of the job streams for each system. For examples of utilities jobs, see the Adabas Utilities documentation .
●	<i>Adabas Utility Execution</i>	Describes conditions and requirements for running the Adabas utilities, which are described in detail in the Adabas Utilities documentation .

●	<i>Linking Applications to Adabas</i>	<p>Describes the Adabas link/router APIs and their use, the requirements for single- and multiuser program execution, and the job structure requirements.</p> <p>Since most systems do not allow a standard call to Adabas, Software AG provides an application program interface (API) to translate calls issued by an application program into a form that can be handled by Adabas. Batch applications are supported in both single- and multiuser mode; online operations are controlled by teleprocessing (TP) monitors. The Adabas API is available across all supported mainframe platforms; versions of the API that are specific to particular TP monitors are provided. "Adalink" is a generic term that refers to the portion of the API that is specific to a particular TP monitor.</p>
●	<i>Adabas Restart and Recovery</i>	Provides information and recommended procedures related to restart and recovery.
●	<i>Local Time Zone Change Support</i>	Provides information on changing the local time zone.
●	<i>Adabas Timeout Feature</i>	Describes the Adabas time-out feature, a control mechanism for monitoring and restoring unavailable or locked system resources.