

# **Adabas for Linux, UNIX and Windows**

## **Adabas Tracing**

Version 6.7.1

October 2019

This document applies to Adabas for Linux, UNIX and Windows Version 6.7.1 and 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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# Adabas Tracing

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This document contains information about Adabas tracing.

The following topic is covered:

- *Enabling Adabas Tracing*

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# 1 About this Documentation

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## Document Conventions

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Convention	Description
<b>Bold</b>	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies:  Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies:  Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the   symbol.
[ ]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

## Online Information and Support

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### **Software AG Tech Community**

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- Access product documentation, if you have Tech Community credentials. If you do not, you will need to register and specify "Documentation" as an area of interest.
- Access articles, code samples, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

## **Data Protection**

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Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

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# 2 Enabling Adabas Tracing

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Tracing should only be used if errors occur, and only with assistance from Software AG Support.



**Caution:** Activating the trace version will massively degrade the performance of Adabas.

## Enabling Tracing on UNIX

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### ➤ To enable tracing on UNIX

- 1 Change to the directory *Adabas/trace/INSTALL*.
- 2 Source the *adaenv* file to change the *ADAPROGDIR* variable.
- 3 Set the environment variable *PT\_TRACELEV* to a reasonable value (with the help of Software AG support).
- 4 Set the environment variable *SAGTMP* to a directory of your choice as the location of the trace files. Note that the trace files can get very large in a short time.
- 5 Set the environment variable *PT\_MAXFILESIZE* (this step is optional).

This defines the maximum size (in bytes) for a PT trace file. If the PT output exceeds this limit, output will be written to the wrap file named *<user>.WRP.<trace-name>*; if the wrap file becomes too big, output will be written to the original trace file *<user>.<trace-name>*, and so on. This feature is useful if you have too much PT output in your program.

Note that the minimum value for *PT\_MAXFILESIZE* is 1024; all values less than this (other than zero) will be automatically adjusted to 1024. A reasonable initial value is 10000000, which will create a maximum file size of 10MB.

## Enabling Tracing on Windows

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### ➤ To enable tracing on Windows

- 1 Ensure that the correct Adabas version was activated.
- 2 Open an Adabas command prompt window.
- 3 Change to the directory *Adabas\trace\INSTALL*.
- 4 Call the *adaenv.bat* command file.
- 5 Set the environment variable *PT\_TRACELEV* to a reasonable value (with the help of Software AG support).
- 6 Set the environment variable *SAGTMP* to a directory of your choice as the location of the trace files. Note the trace files can get very large in a short time.

- 7 Set the environment variable *PT\_MAXFILESIZE* (this step is optional).

This defines the maximum size (in bytes) for a PT trace file. If the PT output exceeds this limit, output will be written to the wrap file named *<user>.WRP.<trace-name>*; if the wrap file becomes too big, output will be written to the original trace file *<user>.<trace-name>*, and so on. This feature is useful if you have too much PT output in your program.

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