

# Tamino

## Release Notes

Version 10.3

November 2019

This document applies to Tamino Version 10.3 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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# 1 Release Notes

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This document contains an overview of the modifications for Tamino XML Server 10.3 since the previous releases (Tamino XML Server 10.1 on Windows or Linux and Tamino XML Server 9.5 on AIX, HP-UX or Solaris). If you have an existing Tamino installation, please refer also to the *Migration Guide* for information about migration from your current system to Tamino 10.3. The *readme.txt* file may also contain information that you should be aware of before you use Tamino 10.3.

With Tamino version 10.3 X-Query is deprecated. This is, it might still be used, but without warranty. Errors will not be corrected anymore. X-Query may be removed in a future version; applications should be upgraded to XQuery.

Concerning the Tamino Non-XML Indexer, the necessary software components are now automatically installed along with the Tamino XML Server on all platforms. Also, additional configuring steps are now also applied automatically. The only thing that remains to be done for utilizing the indexer is to define the respective schemas.

Different from previous versions Tamino, starting with version 10.1 for Windows or Linux resp. 10.3 for AIX, HP-UX or Solaris, does not anymore include a graphical user interface for administration purposes. Instead the **inoadmin** tool is extended to provide full administration powers. Also, ARGBATCH, The System Management Hub Batch Interface, is no longer supported.



# 2 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 Documentation Website

You can find documentation on the Software AG Documentation website at <http://documentation.softwareag.com>. The site requires credentials for Software AG's Product Support site Empower. If you do not have Empower credentials, you must use the TECHcommunity website.

### Software AG Empower Product Support Website

If you do not yet have an account for Empower, send an email to [empower@softwareag.com](mailto:empower@softwareag.com) with your name, company, and company email address and request an account.

Once you have an account, you can open Support Incidents online via the eService section of Empower at <https://empower.softwareag.com/>.



You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>.

To submit feature/enhancement requests, get information about product availability, and download products, go to [Products](#).

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the [Knowledge Center](#).

If you have any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory at [https://empower.softwareag.com/public\\_directory.asp](https://empower.softwareag.com/public_directory.asp) and give us a call.

### **Software AG TECHcommunity**

You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity 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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## Modifications for Tamino XML Server 10.3

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### Security issues

The openSSL used by Tamino was upgraded to version 1.0.2.

### Upgrade of used components

Tamino 10.3 uses the newest version of internal component XTS. The Apache PDFBox included by the nonXML-Indexer server extension uses now Apache PDFBox 2.0.2, which is recommended to be used due to a XML External Entity vulnerability existing for prior versions.

### Compiler upgrade

Tamino 10.3 for Windows was built using the compiler of VS2015 and uses suitable C Runtime Libraries .

### Platform Support

Tamino 9.7 was not released for AIX, HP-UX and Solaris because the new feature *native 64-bit support* for Windows was already available since version 4.1 for all other platforms. Starting from Tamino 9.12 Software AG provides the same version on all platforms again.



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## Miscellaneous Topics

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### Coexistence of several Tamino versions

Tamino XML Server 10.3 can coexist with all previous versions of Tamino XML Server on one computer. There are some restrictions as described in the *Tamino XML Server Installation Guide* (available on <http://documentation.softwareag.com>).

However, if you have an existing Software AG product that uses Tamino as the database engine, coexistence of Tamino XML Server 10.3 and the Tamino database engine of the other product on the same machine is not guaranteed.

### Migration

It is not necessary to migrate schemas or data from version 4.4, 8.0, 8.2, 9.5, 9.7, 9.12 or 10.1 to version 10.3; it is merely necessary to set the version of existing databases. Please see the *Migration Guide* for details.



**Important:** If you wish to migrate to version 10.3 from a version earlier than 4.4, you must migrate to version 4.4 first.

For information about migration to version 4.4 from versions earlier than 4.4, refer to the documentation for Tamino version 4.4 in Software AG's web-based Product Support System, Empower, at <https://empower.softwareag.com/>.

### License file issues

It is necessary to provide a Tamino 10.3 license file to install this version of Tamino XML Server properly. The server components do not run with license files from earlier versions of Tamino. The development components, though, can be installed without an additional license file.

### **Tamino Developer Community**

As a source of valuable information and help, developers can refer to the Tamino Developer Community web site (<http://techcommunity.softwareag.com/ecosystem/communities/public/web-methods/products/tamino/>). There you can find discussion forums and further services.

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