Tamino4 on Windows XP Professional

Installation Guide

Lili Tan
lillitan@tiscali.de
tan@hrz.uni-essen.de

Computer Center, University of Essen
Schützenbahn 70, 45127 Essen, Germany

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1   Introduction

This installation guide tells you how to installation Tamino4.1.4 XML Server (Tamino4) on Windows XP Professional operating system. It is especially written for the developers, who are from the open source project "MILESS/ MyCoRe" (http://www.mycore.de)", and who want to implement XML native database to their application.

Tamino4 is a software product for XML native database, which developed by Software AG (http://www.softwareag.com/tamino/default.htm). It enables XML documents to be stored, queried, and managed in native XML format.

This guide includes four parts: Introduction, Pre-Installation requirements, Installation guide, and After-Installation's check.

2   Pre- Installation

You need a Tamino4 zip file ("xstv4141.exe"). And you need to check the requirements for your user status, soft-and hardware, before you install the Tamino4.

Download Tamino4 Zip File and Unzip It

Tamnio4 zip file (Starterkit zip file) is available from internet (http://www.xmlstarterkit.com/down/download_XMLServer.htm). You have to provide your data and email address in order to access the download page. You get then the zip file "xstv4141.exe" and a licence file "ino414.xml" via email. It includes documentation in HTML form. PDF documentation can be downloaded separately.

Unzip it in a folder which you like. "Winzip" Evaluation Version can be downloaded from http://www.winzip.com. From the unzip folders, you would find Tamino4 "setup.exe" (s. Figure 1: Tamino StarterKit File System) and an Apache2 installation file.
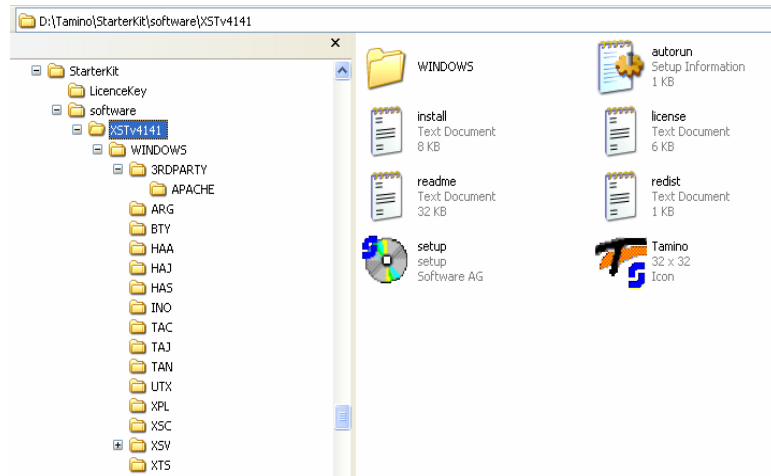
Figure 1: Tamino4 StarterKit File System

Check User Status and Soft- and Hardware Requirements

Read the documentation carefully and make sure that the following requirements are satisfied:

- Administrator privilege

    Administrator privilege is required to install Tamino4.

- Hardware

    o **Processor:** Intel Pentium III, 450 MHz minimum, 700 MHz recommended,

    o **RAM:** 256 MB minimum, 512 MB recommended,

    o **Disk space:** 600 MB on an NTFS-formatted disk

- Software
    o **JDK 1.4.1_01**
    This version can be run both for Tamino and MyCoRe codes. JDK 1.4.1_01 can be downloaded from http://java.sun.com. Unzip it and make sure that the JAVE_HOME and path are set rightly in system environment, else you have to set/edit them in Windows Control Panel /System/ Advanced/ Environment Variables (s. Figure 2: Set Java System Environment Variables).
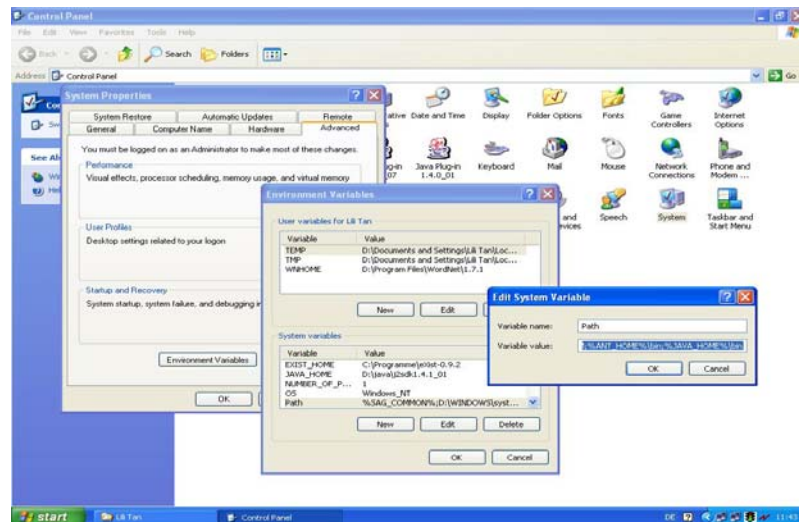
Figure 2:   Set Java System Environment Variables

- **Web Browser**

  A JavaScript- and an XML-capable browser, such as Microsoft Internet Explorer 5.5 or later, Netscape Navigator 4.76 or later, is required.

- **Web Server Apache 2.0.42 or higher**

  The Apache 2.0.43 is recommended. The installation file is contained in the Tamino4 upzip folder: {StarterKit upzip folder}\XSTv4141\WINDOWS\ 3RDPARTY \APACHE \"apache_2.043-win32-x86-no_ssl.msi".

  Click the install file to install Apach2. Start the Apache2 from Windows Start/Programs (s. Figure 3: Start Apache 2).
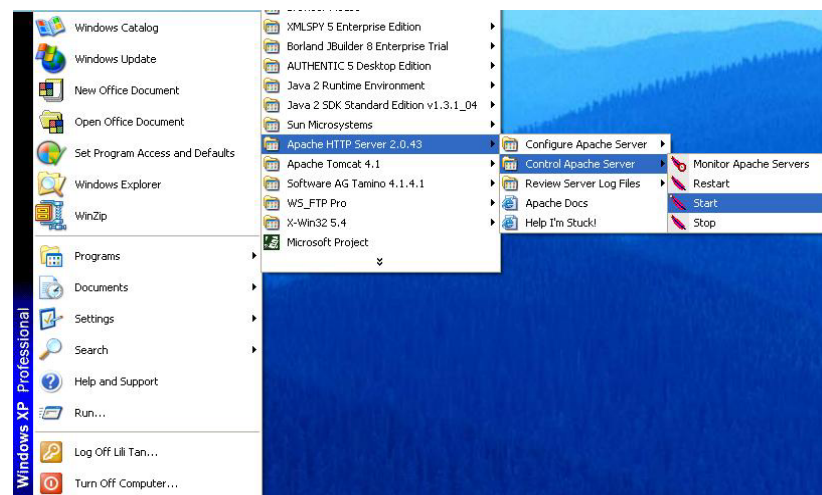

Figure 3: Start Apache2

Do not stop it, keep it running if you begin install Tamino4. In this case, the Tamino4 Install Shield Wizard can configure the Apache2 automatically for Tamino4. You do not need to configure it manually. Else, you have to read Tamino4 installation document und configure the Apache2 manually.

3 Installation

It is supposed that, you have checked the pre-installation requirements above, the Apache2 is kept in running, and Microsoft applications (especially Outlook) have been closed.

- Run "setup.exe" in the folder "{StarterKit unzip folder}\XSTv4141".
- During the installation, User Name, Company Name, and later Admin Password of your machine should be entered. Run the installation with default. The Tamino4 Install Shield Wizard will guide you through the installation. Software AG has made a great progress in installation Tamino4, which works with the JDK1.4.1_01.

4 After- Installation

You can check Tamino4 according to the following steps, to see if it was installed and run correctly.

- Restart your computer after the installation.

- Access "Tamino Manager" with a browser:

  http://your-host-name: port-number/smh/login.htm.

  e.g. http://sunfi: port-number/smh/login.htm

Then input your Tamino's account for User Name and Password to entrance into "Tamino Manager".

You can also start "Tamino Manager" from Windows Start/Program/"Software AG Tamnio4.1.4.1" (s. Figure4 Start Tamino Manager")
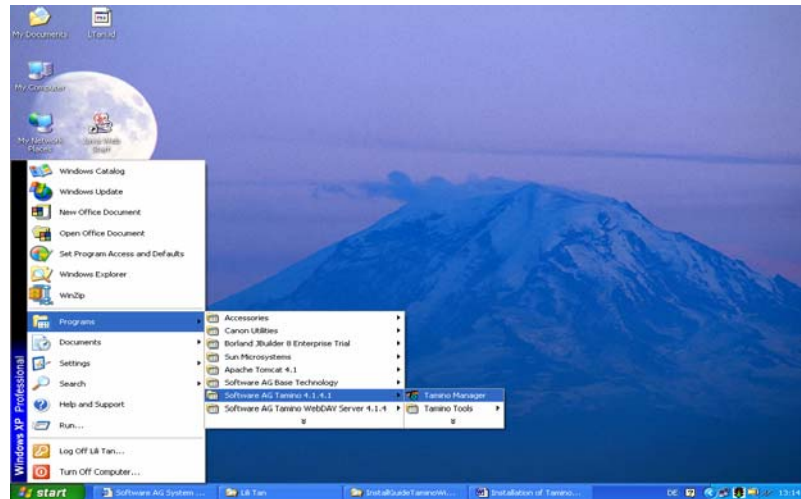
Figure 4: Start Tamino Manager

- Then you can explore the "Tamino Manager" for create, start, stop, and back-up database, etc., e.g. create database "Mycore_Sample_Application" to prepare for the application of Tamino4 with "MyCoRe". (s. Figure 5. Explore Tamino Manager)
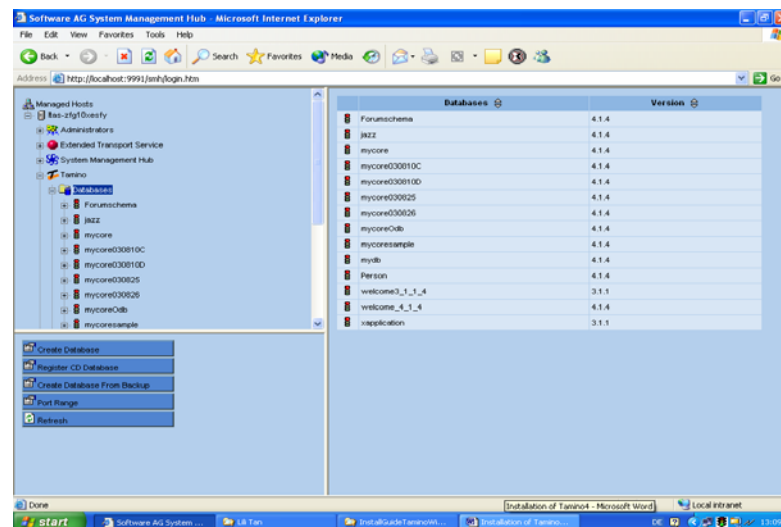

Figure 5:   Explorering Tamino Manager

- A existing database "welcome_4_1_4" can be accessed by:

  http:// your-host-name: port-number/tamino-v4.1.4.1/welcome/index.html

  e.g.:http://localhost/tamino-v4.1.4.1/welcome/index.html (s. Figure 6: Tamino4 Welcome)

Figure 6: Access Tamino4 Welcome

- Documentation about Tamino4 can be accessed by:

   Clicking windows start/programs/Software AG Tamino 4.1.4.1/Documentation

   or opening the browser with:

      http:// your-host-name: port-number/tamino-v4.1.4.1/index.html

   e.g.:http://localhos/tamino-v4.1.4.1/index.html (s. Figure 7: Tamino documentation)
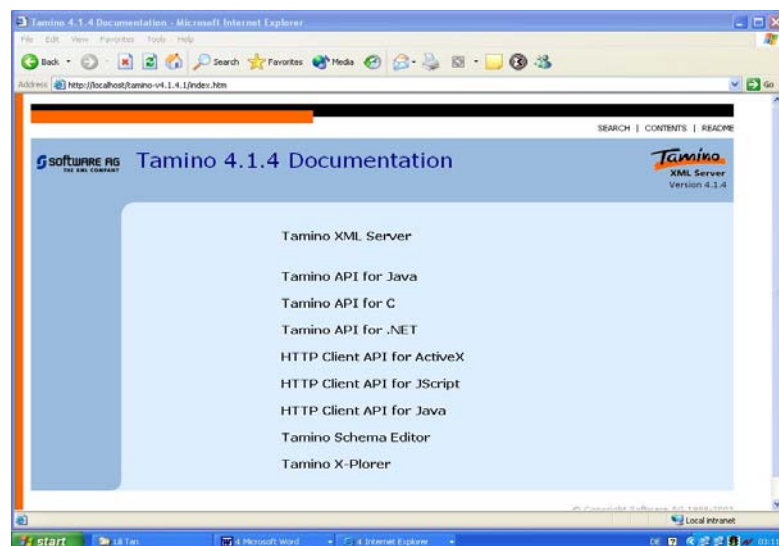

Figure 7: Access Tamino4 Documentation

- All of the above checks run correctly? Conglutination for your successful installation!

   If you have any problem, please email tan@hrz.uni-essen.de, or lillitan@tiscali.de.