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The latest version of this manual is available in the Softing download area at: http://industrial.softing.com/en/downloads.html
# Table of Contents

<table>
<thead>
<tr>
<th>Chapter 1</th>
<th>Introduction</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>About uaToolkit Embedded</td>
<td>5</td>
</tr>
<tr>
<td>1.2</td>
<td>Intended use</td>
<td>5</td>
</tr>
<tr>
<td>1.3</td>
<td>Typographic conventions</td>
<td>5</td>
</tr>
<tr>
<td>1.4</td>
<td>Scope of delivery</td>
<td>5</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>Installation</td>
<td>6</td>
</tr>
<tr>
<td>2.1</td>
<td>Windows</td>
<td>6</td>
</tr>
<tr>
<td>2.1.1</td>
<td>Standard installation</td>
<td>6</td>
</tr>
<tr>
<td>2.1.2</td>
<td>Manual installation</td>
<td>6</td>
</tr>
<tr>
<td>2.2</td>
<td>Linux</td>
<td>6</td>
</tr>
<tr>
<td>Chapter 3</td>
<td>Licensing</td>
<td>7</td>
</tr>
<tr>
<td>3.1</td>
<td>Source code version - Single seat developer license</td>
<td>7</td>
</tr>
</tbody>
</table>
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1 Introduction

1.1 About uaToolkit Embedded

With our uaToolkit Embedded it is now easy to develop embedded OPC UA applications. The toolkit provides platform-independent implementation with a small footprint. Based on OPC Unified Architecture specifications the toolkit comes with a complete set of development libraries helping you to reduce your time to market for OPC UA applications in sensors, devices and controllers.

1.2 Intended use

This installation guide is intended for developers and programmers with a good working knowledge of the required programming language and a basic understanding of client/server implementation in an OPC UA environment. The purpose of this document is to briefly describe how to install the different the toolkits.

1.3 Typographic conventions

Keys, buttons, menu items, commands and other elements involving user interaction are set in bold font and menu sequences are separated by an arrow.

Buttons from the user interface are enclosed in brackets and set to bold typeface.

Coding samples, file extracts and screen output is set in Courier font type.

Filenames and directories are written in italic.

Open Start → Control Panel → Programs

Press [Start] to start the application

MaxDlsapAddressSupported=23

Device description files are located in C:\<Application name>\delivery\software\Device Description files

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

Note

This symbol is used to call attention to notable information that should be followed during installation, use, or servicing of this device.

Hint

This symbol is used when providing you with helpful user hints.

1.4 Scope of delivery

The toolkit DVD contains the licenced release and the trial versions of the uaToolkit Embedded installation packages.
2 Installation

2.1 Windows

2.1.1 Standard installation
1. Insert your delivery DVD into your DVD drive
   If Autorun is enabled on your system, the startup page is opened. If Autorun is disabled open an explorer Windows, select your DVD drive and double-click the start.exe file.

2. Select Windows installation.

3. Enter the license key to install the source code of the toolkit.
   If you don't have a license key the trial version of the toolkit is installed.

4. The uaToolkit Embedded software is installed to ProgramData\Softing\uaToolkitEmbedded.

2.1.2 Manual installation
1. Insert your delivery DVD into your DVD drive
   If Autorun is enabled on your system, the startup page is opened. If Autorun is disabled open an explorer Windows, select your DVD drive and double-click the start.exe file.

2. Go to DVD_Root\Software\Windows and copy the InstallUaToolkitEmbddedx.xx.x.exe file to the directory you want to install the toolkit.

3. Press Enter when asked for the installation directory.

4. Enter the license key to install the source code of the toolkit.
   If you don't have a license key the trial version of the toolkit is installed.

2.2 Linux

1. Insert your delivery DVD into your DVD drive
   If Autorun is enabled on your system, the startup page is opened. If Autorun is disabled open an explorer Windows, select your DVD drive and double-click the start.exe file.

2. Go to DVD_Root\Software\Linux and copy the InstallUaToolkitEmbddedx.xx.x.sh file to the directory you want to install the toolkit.

3. Press Enter when asked for the installation directory.

4. Enter the license key to install the source code of the toolkit. If you don't have a license key the trial version of the toolkit is installed.
3 Licensing

During product installation, all components are copied to the hard drive. The functionality of the trial version (90-minutes-limited-runtime) is immediately available. To use the uaToolkit Embedded software without any limitation you need to compile the source code of the toolkit.

**Note**
For more details about your license key see online help of the software.

3.1 Source code version - Single seat developer license

The source version license of the uaToolkit Embedded is a single seat developer license. It enables the full functionality of the toolkit together with the complete source code necessary to build the libraries. Based on the single seat source version license any number of OPC UA applications can be developed on one computer. OPC UA applications licensed with the source code license can freely be deployed on any computer without requiring further runtime licenses.

You will find the source version license key printed on your DVD sleeve. Enter the license key during the installation of the toolkit to install the source code version of the toolkit.

**Note**
The license may be used only on one build machine.

**Note**
Transferring the license to another party e.g. sub-contracting company must be indicated and requires a formal agreement by Softing.
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