



ERTPS INSTALLATION MANUAL

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Revision history

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1 Basic Requirements

1.1 Boost 1.53

eProxima RTPS requires the Boost distribution, so the user should install version **1.53** (newer versions should also work).

Follow the instructions included with the boost distribution for installation.

The user could choose to install just the used libraries: boost-thread, boost-asio and boost-system.

1.2 Windows 7 32-bit and 64-bit

1.2.1 Visual C++ 2010 Redistributable package installation.

eProxima RTPS requires Visual C++ Redistributable package. The user is responsible for its installation if its not already present.

1.3 Ubuntu 12.04 64-bit

No special requirements are needed for linux systems except the normal development tools and compilers.

1.4 QT GUI development tools

The QT graphic library is needed only to build and execute the Shapes Demo included in this version.

2 Installation

This section describes how to install eProsima RTPS in several operating systems. Follow the steps described under your preferred operating system.

2.1 Windows 7 32-bit and 64-bit

Download the installation package:

```
eProsima_RTPS_0.5.1.exe
```

Execute the installer and follow the instructions. You should make sure that at least one component (i86 or x64 libraries) is selected in the Choose Components step. The corresponding environment variables should be selected in the next page ("Environment variables setting page").

Ubuntu 12.04 64-bit

Download the installation package:

```
eProsima_RTPS_0.5.1.Ubuntu12.04.tar.gz
```

Extract the contents in your installation destination.

Copy the contents of the include directory to /usr/local/include:

```
sudo cp -r /include/* /usr/local/include
```

Copy the library files to /usr/local/lib:

```
sudo cp lib/x64Linux2.6gcc/* /usr/local/lib/
```