

# **eProsima Fast Buffers**

Installation Manual

Version 0.3.0



The Middleware Experts

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## Technical Support

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## 1 Installation

This document describes how to install *eProxima Fast Buffers* in several operating systems. Select your operating system and follow the steps.

### 1.1 Windows 7 32-bit and 64-bit

Download the installation package for your system.

```
eProxima_FastBuffers-0.3.0-Windows.exe
```

Execute the installer and follow the instructions. In addition to the main *eProxima Fast Buffers* executable, a serialization library has to be installed. In the *Choose Components* step of the installation you have to choose the target platform (i86 or x64) you desire for the library.

It is recommended to set the environment variable `FAST_BUFFERS` and to make it point to the *eProxima Fast Buffers* installation folder. The installer provides this option. Make sure it is selected in the *Environment variable setting* step.

It is also convenient to append the *fastbuffers* executable location directory to the `PATH` environment variable of the system. The installer offers the possibility of appending the location of the *fastbuffers* executable to the `PATH` environment variable. Make sure this option is selected in the *Environment variable setting* step.

The serialization library should also be accessible for your system. The installer offers the possibility of appending the location of the libraries you selected to install to the `PATH` environment variable. Make sure this option is selected in the *Environment variable setting* step.

### Visual C++ 2010 Redistributable package installation

*eProxima Fast Buffers* requires Visual C++ Redistributable package. This distribution allows the user to install it if it is not already present in the system.

### 1.2 Linux distribution 32-bit and 64-bit

Download the installation packages for your system.

```
Fastcdr_0.2.1.tar.gz  
eProxima_FastBuffers-0.3.0-Linux.exe
```

First install the *eProxima FastCdr* library needed by *eProxima FastBuffers*. For 32-bit machines.

```
$ cd fastcdr; ./configure --libdir=/usr/lib; make; make install
```

For 64-bit machines.

```
$ cd fastcdr; ./configure --libdir=/usr/lib64; make; make install
```

Finally extract the content of *eProxima FastBuffers*.