

eProsima Dynamic Fast Buffers

Users Manual

Version 0.1



Experts in networking middleware
eProsima © 2013



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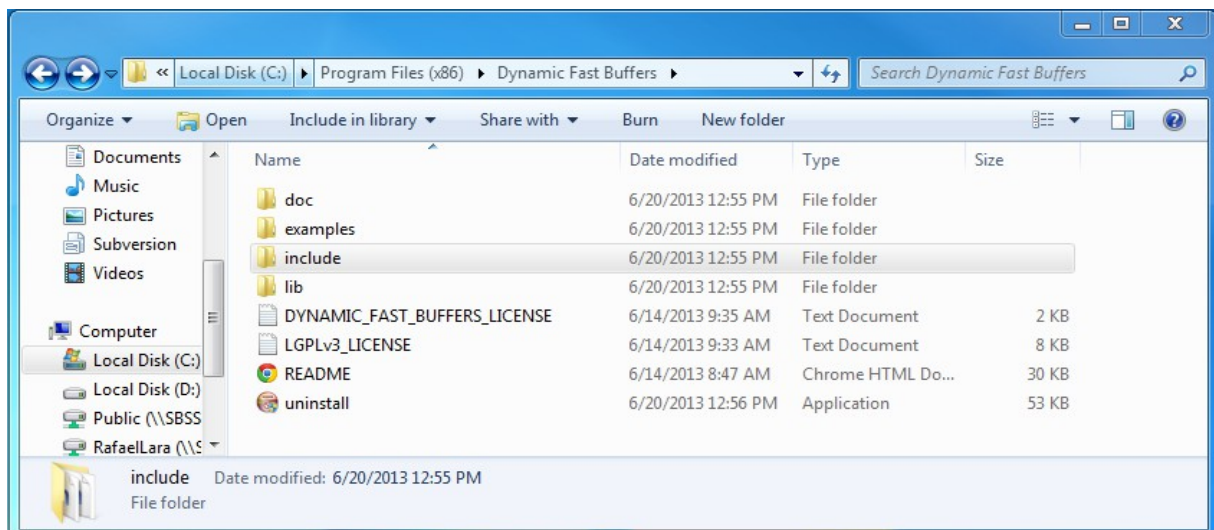
1 Installation

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

There is a section in the *Choose Components* step named “Main Files” that includes all **necessary** data for the application to work. This component cannot be disabled during the installation, no matter whether 32-bit or 64-bit is selected.

Once the installation is finished, next directories and files will be added inside “Program Files”:

- doc: In this folder, documentation for the application can be found. In the “html” named subfolder all application code documentation is located, while “pdf” folder contains user manual and installation manual.
- Examples: Beneath this folder two Visual Studio 2010 projects are included. Both of them are ready for compilation and proving.
- Include: Header files of eProsimas Dynamic Fast Buffers.
- Lib: In this folder there will be located the libraries that conform the application already compiled. 32-bit libraries can be found under “i86Win32VS2010” subfolder and 64-bit libraries under “x64Win64VS2010”.
- DYNAMIC_FAST_BUFFERS_LICENSE.txt: License file for Dynamic Fast Buffers.
- LGPLv3_LICENSE.txt: GNU Lesser Public License text file.
- README.html: HTML file linking to relevant information, including Installation Manual, User Manual and API documentation.
- uninstall.exe: Uninstaller for eProsimas DFB library.

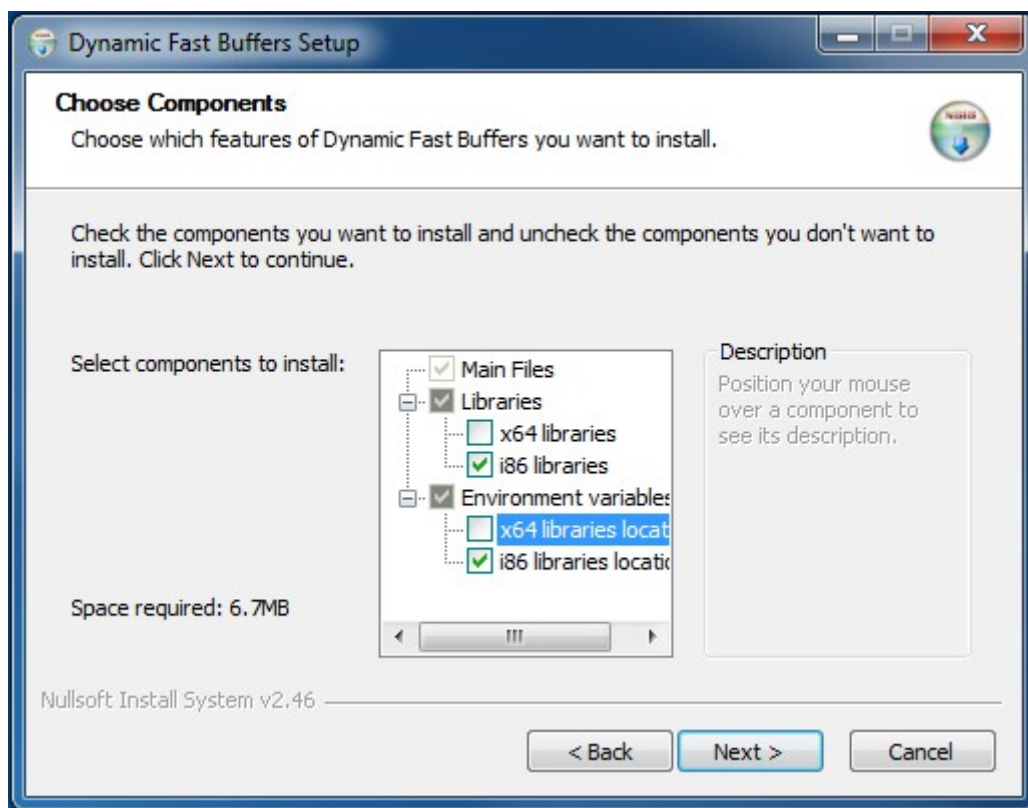


1.1 Windows 7 32-bits

- Download the installation package for your system.

eProsimas_Dynamic_Fast_Buffers-0.1.exe

- Execute the installer and follow the instructions. You should make sure that “i86 libraries” component is selected in the *Choose Components* step. Otherwise, installation will not continue.
- A component of eProsimas Dynamic Fast Buffers is a dynamic serialization library for basic and complex data types. This library has to be accessible for your system. The environment variable PATH needs to be set to the eProsimas Dynamic Fast Buffers i86 library folder. The installer offers the possibility of setting this location in the environment variable PATH. Make sure “i86 libraries location” option is selected in the *Choose Components* step.



Visual C++ 2010 Redistributable package installation

eProsimas Dynamic Fast Buffers requires this package. It can be downloaded from:

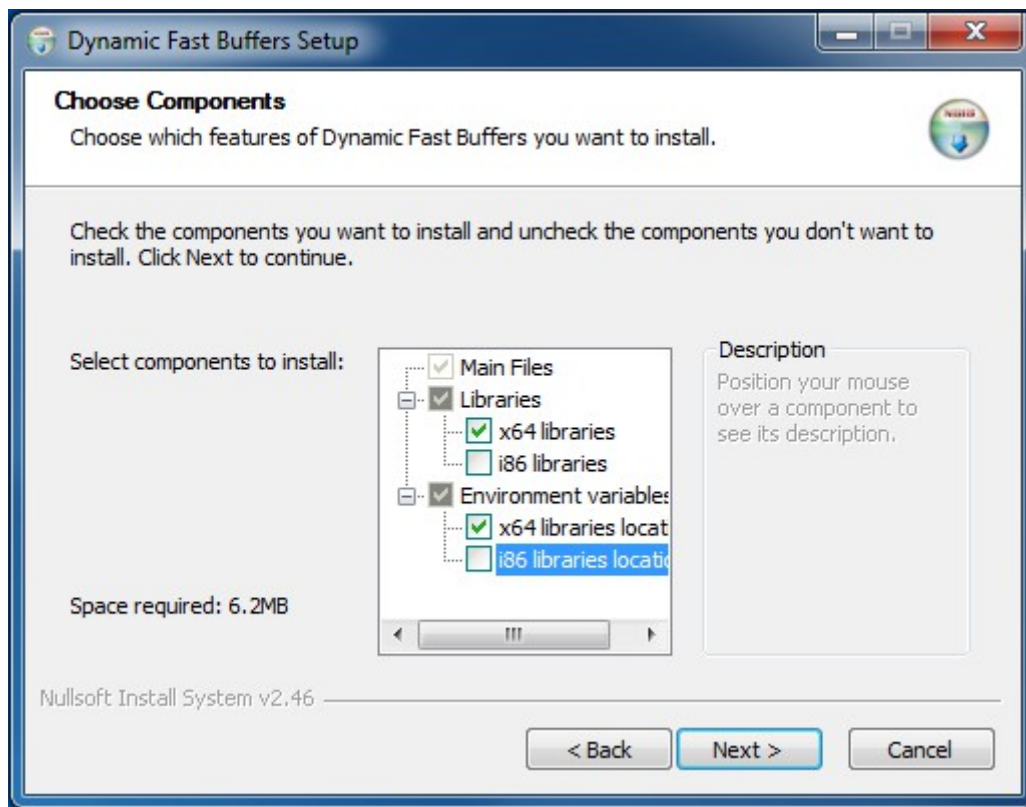
[Visual C++ 2010 Redistributable](#)

1.2 Windows 7 64-bits

- Download the installation package for your system.

• eProsimas_Dynamic_Fast_Buffers-0.1.exe

- Execute the installer and follow the instructions. You should make sure that “x64 libraries” component is selected in the *Choose Components* step. Otherwise, installation will not continue.
- A component of eProsimas Dynamic Fast Buffers is a dynamic serialization library for basic and complex data types. This library has to be accessible for your system. The environment variable PATH needs to be set to the eProsimas Dynamic Fast Buffers i86 library folder. The installer offers the possibility of setting this location in the environment variable PATH. Make sure “x64 libraries location” option is selected in the *Choose Components* step.



Visual C++ 2010 Redistributable package installation

eProsimas Fast Buffers requires this package. It can be downloaded from:

[Visual C++ 2010 Redistributable](#)