

# MBS Xojo UDPSocket Kit

Version 1.0, © 2017 by Christian Schmitz

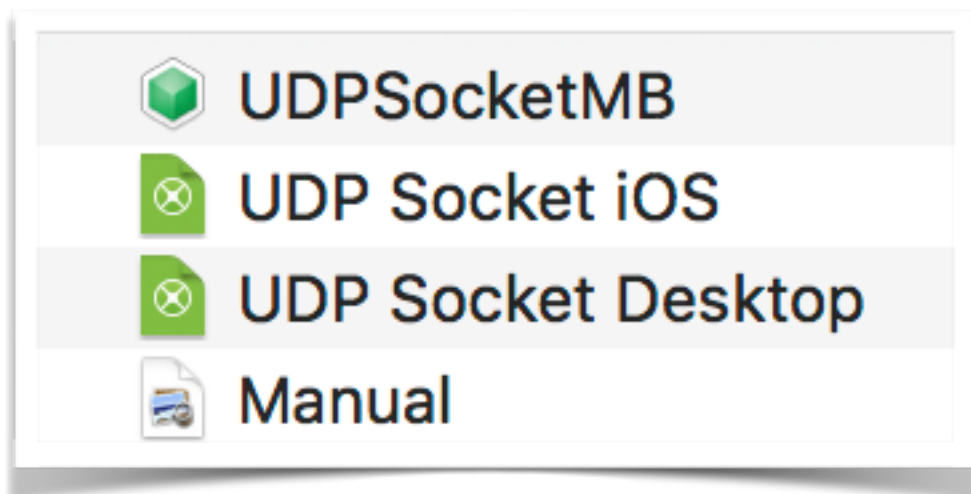
About the MBS Xojo UDPSocket Kit	2
UDPSocket	3
Interfaces	4
Version History	5
Installation	6
Requirements	7
License	8
Contact	9

## About the MBS Xojo UDPSocket Kit

The MBS Xojo UDPSocket Kit provides you with a few useful classes for using UDP Sockets on iOS, Mac and Linux.

### The Kit contains:

- UDPSocketMB class
- Sample application



## **UDPSocket**

The UDPSocket Kit contains a UDPSocketMB class:

### **Features**

- Create socket
- Send message
- Listen on a port for incoming data
- DataAvailable event for incoming data

### **Wrapper Features**

- For new Xojo framework
- Using exception handling to track error
- Test code included
- All classes with MB postfix to avoid name conflicts.
- All module definitions are protected to avoid conflicts
- Inline documentation
- Full Source code, no encryption
- Works for 32bit and 64bit targets.

# Interfaces

UDPSocketMB

**Class** UDPSocketMB

**ComputedProperty** Broadcast **As Boolean**

**Sub Set()**

Enable or disable Broadcast

**Sub Get()**

Query Broadcast

**Function** BytesAvailable() **As Integer**

check how many bytes are in buffer

**Sub** Constructor()

Create a new socket

**Sub** Destructor()

Closes socket

**Function** HasDataToRead() **As Boolean**

Check if data is available

**Sub** Listen(Port **as Integer**)

Listen on a port

**Function** ReadMessage(MaxSize **as Integer**, byref IP **as** Text, byref Port **as Integer**) **As**

Xojo.Core.MemoryBlock

Read a message

**Function** SendMessage(IP **as** Text, port **as integer**, Message **as** Text) **As Integer**

send some Text as UTF-8

**Function** SendMessage(IP **as** Text, port **as integer**, Message **as** Xojo.Core.MemoryBlock)

**As Integer**

send some data

Returns number of bytes sent

**Property** Handle **As Integer** = -1

**Property** ListenPort **As Integer**

**End Class**

## Version History

Tip: If you want to update your existing code with new release, you'd best compare projects with Arbed (<http://www.tempel.org/Arbed>) and copy modifications to your project.

1.0, first release

## Installation

To get your projects working with this UDPSocket Kit, you need to follow a few steps.

Drop the UDPSocketMB file into your project and use it. Or copy from existing example projects what you need.

## Requirements

You need Xojo 2015r1 or newer.

We did not test with older versions, but you can if you need.

# License

Summary:

- You may use UDPSocket Kit only with one licensed Xojo installation.
- You agree not to share the UDPSocket Kit or use someone else's UDPSocket Kit copy.

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Access to updates is included for one year. After that time you can order an update or keep using the old version you have.



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