

# History of Changes

[RSS](#)

## 1. Version 1.1 (@date@)

- Converted and updated documentation to XML and forrest based generation. (wimpi)
- Added Modbus/RTU Implementation (Master) (jdcharlton)
- Added Modbus Serial Echo support (RS485) (jdcharlton)
- Updated BitVector to support starting index from LSB or MSB (wimpi)
- Reduced overhead and enhanced speed by changing the way message I/O is handled (see Transportable, FastByteArray I/O) (wimpi)
- Added missing standard request and response for WRITE MULTIPLE COILS (wimpi)
- Added facades providing Modbus/TCP and Modbus/UDP master functionality (wimpi)
- Modbus/UDP Implementation (wimpi)
- Updated registers and base functions to handle register content as byte[2]. (wimpi)
- Updated debug messages to be triggered by net.wimpi.modbus.debug property, that can be passed to the VM on startup. (wimpi)
- Updated LRC calculation. (wimpi)

## 2. Version 1.0fix2 (10/11/2002)

- Updated and added a lot of documentation. (wimpi)
- Fixed Bug #610142 "ReadMultipleRegistersResponse Index" (and duplicate #616218) (wimpi) Fixes [610142](#), [616218](#).
- Fixed problems reported as Bug #625113 "several bugs with fixes" (wimpi) Thanks to blah blah. Fixes [625113](#).

## 3. Version 1.0fix1 (08/08/2002)

- Removed console debug outputs which remained uncommented in the release 1.0 (wimpi)
- Fixed severe Bug #554158 "Transaction retry loop does not break" (wimpi) Fixes [554158](#).

## 4. Version 1.0 (07/03/2002)

- Initial public release. (wimpi)