

Current OOPic Bug List (As I Know it)

Firmware A.2.0:

- Word variables may not be defined anywhere, you will get an error about oA2DX.
- The oA2D object won't link to oMath directly, improper values will be recorded.
- The oEEPROM MUST have the .Width property set as the last part of setting it up, or, immediately before a 16-bit value is read or written.
- The oServo object won't compile, you need to use the A.1.X setting, but you won't be able to use oSrvSync.
- OOPic.Reset does not properly reset.

Firmware B.2.2

- The oBumper4, oCompassDN and oJoystick crash the debugger.
- The oServoSP1 object won't compile with the Refresh or OutOfRange flags used.
- The oRampI object won't compile with the Value property used.
- The oEEPROM and oI2C objects refuse to write (or read, which is uncertain) a 16-bit value to the EEPROM.
- The oChangedOC.ClockIn property does not function (it compiles, but does not work.)
- The Input of oChanged is not copied to the Output after a change occurs.
- OOPic.Reset does not properly reset.
- oMotormind outputs at 19,200 baud, not 2400 baud.
- The oSerialPort ReceivedOut pointer does not operate properly.
- oIRPD2 won't compile in a program (error 55)
- << and >> (bit shifts in C code) do not work correctly.
- oLCDSE.Baud isn't recognized by the compiler as a valid property.
- oEventC does not work, even dimensioning the object will freeze a program.

Firmware B.2.2+

- [Same problems as B.2.2, and some A.2.0]
- The sByte variable does not store (or doesn't read back) data
- If an I2C device does not answer (when using oI2C) then the OOPic R will hang.
- If mode = 1 is used on oSPI then the OOPic R will hang.

OOPic 5.01 IDE and compiler

- IDE always reports "Expected v Received V" when locating the serial cable for programming. It still works, it just reports this error.
- IDE cannot write to objects using the parallel port debugger.
- IDE does not have any processing objects, nor the PIC, nor the OOPic object defined in the debugger.
- Several objects cause the IDE to crash when opened in the debugger.

- Arrays of Byte or Word can't be dimensioned above 5 elements, the pointer gets lost after that.
- The '-' (minus) sign needs white space in front and after it or compiler complains about the expression being a string.
- Nested select/case statements may give incorrect results.
- C compiler: for (; 1;) and for (k = 0; ++k < 65535;)", invalid expression error, e.g. not all valid C syntax is accepted.
- C compiler: when a sub void bif(void) is declared, you must call it without () or a "wrong number of arguments" error is given, you should be able to use "bif()".
- When accessing the OOPic object from within an oUserClass the IDE gives error 5 and crashes.

Go here for the latest official OOPic IDE software:

<http://www.oopic.com/dloadp.html>

You can also check out the OOPic group at <http://groups.yahoo.com> for the latest user group community versions of the OOPic IDE.