Note of the ComLib software library development

2017-6

1、Source program file：. c and .h must come in pairs,and only one pair.Exceptions (for example: refer to FatFs open source file system, to maintain the original author style, and can have multiple C files);

2、 File format：：The.c and.h file formats require unity，The software library of the Kepler11 learning board shall prevail;

3、The file name：You have to prefix "TreeOS_",Usually named after a chip or module model by using lowercase letters in general;

4、 Programming rules：Must comply with the TreeOS programming rules；

5、 Third party copyright：To quote third party open source code, must accompany the owner copyright declaration;

6、 Universality requirement：

1）Code must be considered for various grades of MCU (51, AVR, STM32, etc.)

2）The code must consider the applicability of different running speeds;

3）The code must consider that make it easy to modify the IO port ；

4）Different IDE syntax or semantics may be different, and use standard C as far as possible;

5）The variables, functions, and macro definitions add special semantics, such as models, to distinguish them from other modules;

6）Try to use IO port simulation function, such as I2C and SPI bus driver;

7）Do not use interrupt when you can scan the query.

7、 Directions for use：Must be in.c file header to write the detailed call method and description of the software module，which make the user call without looking at the code;

8、Code validation：All code must be tested and checked by a second person before entering the library；

9、Rule of thumb：（updating）