

# 日志库

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- 一共两种日志库，分别为logserv1、logserv2，建议使用logserv2
  - 适用于C++89及以上标准下的开发
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## logserv1

位于src/logserv1/

应用实例：

见源码test/demo.cpp

```
#include "loggers.h"

int main(int argc, char** argv) {

    Loggers::Subscribe();

    LOGGER_DEBUG("hello, I am logserv1 system.");
    LOGGER_INFO("LOG FILE WRITE TO ...");
    LOGGER_WARNING("welcom used.");
    LOGGER_ERROR("the logserv1, support C++11 environment compile.");

    return 0;
}
```

- 效果

```
linux@ubuntu:~/robotsensor_sdk/logger/test$ ./demo
[LOG][2022-12-9,14:48:56][DEBUG]:hello, I am logserv1 system.
[LOG][2022-12-9,14:48:56][INFO]:LOG FILE WRITE TO ...
[LOG][2022-12-9,14:48:56][WARNING]:welcom used.
[LOG][2022-12-9,14:48:56][ERROR]:the logserv1, support C++11 environment
compile.
```

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## logserv2

位于src/logserv2/

应用实例：

见源码test/demo2.cpp

```
#include "log_module.h"

int main(int argc, char** argv) {

    LOG_INFO("1.test start","");
    LOG_DEBUG("1.I am debugger.", "");
    LOG_WARN("1.dear friend, believe this is greate logger", "");
    LOG_ERROR("1.test end", "");

    LOG_INFO_LITE("2.test start", "");
    LOG_DEBUG_LITE("2.I am debugger.", "");
    LOG_WARN_LITE("2.dear friend, believe this is greate logger", "");
    LOG_ERROR_LITE("2.test end", "");

    LOG_INFO_PRINT("3.test start\n", "");
    LOG_DEBUG_PRINT("3.I am debugger.\n", "");

    return 0;
}
```

- 效果

```
linux@ubuntu:~/robotsensor_sdk/logger/test$ ./demo2
[LOG][2022-12-9,14:49:1][1670568541.40398441][INFO][demo2.cpp][main][5]
1.test start
[LOG][2022-12-9,14:49:1][1670568541.40741545][DEBUG][demo2.cpp][main][6]
1.I am debugger.]
[LOG][2022-12-9,14:49:1][1670568541.40951605][WARN][demo2.cpp][main][7]
1.dear friend, believe this is greate logger]
[LOG][2022-12-9,14:49:1][1670568541.41090077][ERROR][demo2.cpp][main][8]
1.test end]
[LOG][2022-12-9,14:49:1][1670568541.41347080][INFO][2.test start]
[LOG][2022-12-9,14:49:1][1670568541.41495832][DEBUG][2.I am debugger.]
[LOG][2022-12-9,14:49:1][1670568541.41653944][WARN][2.dear friend, believe
this is greate logger]
[LOG][2022-12-9,14:49:1][1670568541.41797107][ERROR][2.test end]
[LOG][2022-12-9,14:49:1][1670568541.41927313][INFO]3.test start
3.I am debugger.
```