

# Logs in Dsx

## Log levels

Log levels may be in:

- NONE
- TRACE
- DEBUG
- MAX

When using a log function (see below), you must specify message type.

There is a current log level defined statically for MutexS or dynamically for Posix. Only messages having at least current level will be printed.

- If current level is NONE, messages with level NONE will be printed.
- If current level is TRACE, messages with levels TRACE and NONE will be printed
- If current level is DEBUG, messages with levels DEBUG, TRACE and NONE will be printed
- ...

## Log functions

There are two log functions:

```
dsx_log( 'level', 'message' )
```

- level is in defined log levels
- message is a fixed string

```
dsx_log_printf( 'level', 'fmt', ... )
```

- level is in defined log levels
- message is a printf-like format string
- following arguments are arguments to format string