

# The Trampoline handbook

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# Chapter 1

## Compiling Trampoline

### 1.1 Available flags

Trampoline can be compiled with various options. These options are controlled by setting the appropriate flags. The following flags are available:

**OS\_EXTENDED** is used to compile Trampoline with extended error support according to the specification.

**WITH\_ERROR\_HOOK** adds the call to the error hook when an error occurs in an os system call.

**WITH\_PRE\_TASK\_HOOK** adds the call to the pre-task hook function.

**WITH\_POST\_TASK\_HOOK** adds the call to the post-task hook function.

**WITH\_TASK\_HOOK** is the same as selecting the two previous flags.

**WITH\_STARTUP\_HOOK** adds the call to the startup hook function.

**WITH\_SHUTDOWN\_HOOK** adds the call to the shutdown hook function.

**WITH\_INTERNAL\_EXTERNAL\_COM** is used when a same sending message object does an internal *and* an external communication.

**WITH\_COM\_ERROR\_HOOK** adds the call to the communication error hook when an error occurs in a communication system call.