

**NAME**

trlo\_clear\_config, trlo\_read\_config\_file – Configure a TRLO II module.

**SYNOPSIS**

```
#include "trlo_functions.h"
```

```
void trlo_clear_config(volatile trlo_register_map *hardware);
```

```
void trlo_read_config_file(const char *filename);
```

Link with `-ltrlo_ctrl`.

**DESCRIPTION**

**trlo\_clear\_config()** clears the firmware configuration of a TRLO II module specified by *hardware* by setting all setup registers to zero. Multiplexers are set to source the wired zero source. The exception is `DEADTIME_IN(0)` which sources wired one, to prevent the internal trigger state machine from activating during its configuration. After configuration is complete, it should be set to get the deadtime from either the internal TRIMI, or an external trigger control module, e.g. TRIVA.

**trlo\_read\_config\_file()** read configuration from a file given by *filename*. Note that the configuration only is read and parsed, not acted upon.

**TODO:** document the function with which a configuration section can be applied.

**RETURN VALUE**

These functions return no value. (They may terminate the program via error reporting routines.)

**AUTHOR**

Håkan T. Johansson <f96hajo@chalmers.se>

**SEE ALSO**

**trlo\_read\_config\_file(3)**, **trlo\_read\_event(3)**, **trlo\_lib(7)**, **trlo\_ii(7)**,