

NAME

trlo_read_sampler – Read multi-buffered data from TRLO II.

SYNOPSIS

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

```
uint32_t trlo_read_sampler(volatile trlo_register_map *hardware,  
                           struct trlo_readout_control *ctrl,  
                           int sampler,  
                           uint32_t header_mark,  
                           uint32_t **outbuf, uint32_t *endbuf,  
                           uint64_t **timebuf,  
                           int write_header);
```

Link with `-ltrlo_ctrl`.

DESCRIPTION**RETURN VALUE**

On success, 0 is returned from the readout functions. On error, an error code (as specified to `trlo_setup_readout_control()`) is returned.

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SEE ALSO

`trlo_setup_map_hardware(3)`, `trlo_setup_check_version(3)`, `trlo_unmap_hardware(3)`,
`trlo_setup_readout_control(3)`, `trloilib(7)`, `trloii(7)`,