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1 Module Aio : libaio-ocaml Linux async I/O interface for ocaml

This module implements the libaio bindings that interface with the Linux system calls.

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type buffer

The type for Buffer.

val buffer : int -> buffer

Allocate an uninitialized buffer.

val get_string : buffer -> int -> string

Get a string of length x from a buffer.

val put_string : buffer -> string -> unit

Put a string into a buffer.

val rewind : buffer -> unit

Rewind a buffer to it start.

type result

The type for a result of a completed I/O request

exception Error of int

An error has occured during a request.

exception Incomplete of buffer * int

A request was only partialy completed.

val result : result -> buffer

Extract the buffer from a result or throw the proper exception

type context

The type for a libaio Context.

val context : int -> context

Create a new context for n simultaneous requests.

```
val read :  
  context ->  
  Unix.file_descr -> buffer -> int64 -> (result -> unit) -> unit  
    fill buffer from file at given offset and call continuation  
  
val write :  
  context ->  
  Unix.file_descr -> buffer -> int64 -> (result -> unit) -> unit  
    write buffer to file at given offset and call continuation  
  
val run : context -> unit  
    run the context till there are no more pending requests
```