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## 1 Module Inifiles : This library reads ini format property files

`exception Invalid_section of string`

raised if you ask for a section which doesn't exist

`exception Invalid_element of string`

raised if you ask for an element (attribute) which doesn't exist, or the element fails to match the validation regex

`exception Missing_section of string`

raised if a required section is not specified in the config file

`exception Missing_element of string`

raised if a required element is not specified in the config file

`exception Ini_parse_error of (int * string)`

raised if there is a parse error in the ini file it will contain the line number and the name of the file in which the error happened

```
type attribute_specification = {  
  atr_name : string ;  
  atr_required : bool ;  
  atr_default : string list option ;  
  atr_validator : Pcre.regexp option ;  
}
```

The type of an attribute/element specification

```
type section_specification = {  
  sec_name : string ;  
  sec_required : bool ;  
  sec_attributes : attribute_specification list ;  
}
```

The type of a section specification

```
type specification = section_specification list
```

The type of a secification

```
class inifile : ?spec:specification -> string ->  
  object
```

**method getval : string -> string -> string**

get a value from the config object raise Invalid\_section, or invalid\_element on error.  
getval section element

**method getaval : string -> string -> string list**

get a value from the config object. return a list of all the objects bindings. If the key is listed on more than one line it will get n bindings, where n is the number of lines it is mentioned on. raise Invalid\_section, or invalid\_element on error. getaval section element

**method setval : string -> string -> string -> unit**

set a value in the config create a new section, and or element if necessary. setval section element

**method delval : string -> string -> unit**

delete the topmost binding (the one returned by getval) from the section sec. Possibly exposing another binding. raise Invalid\_section on error. delval sec elt

**method save : ?file:string -> unit -> unit**

save the changes you have made optionally save to a different file

**method iter : (string -> string -> unit) -> string -> unit**

iterates across a section. passes all key value pairs to f exactly once.

**method sects : string list**

returns a list of all sections in the file

**method attrs : string -> string list**

return all the attributes of a section

**end**

send the name of an ini file to the constructor the file must exist, but can be empty

**val fold : ('a -> inifile -> 'a) -> string -> 'a -> 'a**

Executes a fold left across a directory of ini files (skips files which do not end with .ini). fold f path a computes (f ... (f (f file1 a) file2) fileN)