

NAME

tld_check_4 - API function

SYNOPSIS

```
#include <tld.h>
```

```
int tld_check_4(const uint32_t * in, size_t inlen, size_t * errpos, const Tld_table ** overrides);
```

ARGUMENTS

const uint32_t * in

Array of unicode code points to process. Does not need to be zero terminated.

size_t inlen Number of unicode code points.

size_t * errpos

Position of offending character is returned here.

const Tld_table ** overrides

A **Tld_table** array of additional domain restriction structures that complement and supersede the built-in information.

DESCRIPTION

Test each of the code points in *in* for whether or not they are allowed by the information in *overrides* or by the built-in TLD restriction data. When data for the same TLD is available both internally and in *overrides*, the information in *overrides* takes precedence. If several entries for a specific TLD are found, the first one is used. If *overrides* is **NULL**, only the built-in information is used. The position of the first offending character is returned in *errpos*.

Return value: Returns the **Tld_rc** value **TLD_SUCCESS** if all code points are valid or when *tld* is null, **TLD_INVALID** if a character is not allowed, or additional error codes on general failure conditions.

REPORTING BUGS

Report bugs to <help-libidn@gnu.org>.

General guidelines for reporting bugs: <https://www.gnu.org/gethelp/>

GNU Libidn home page: <https://www.gnu.org/software/libidn/>

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SEE ALSO

The full documentation for **libidn** is maintained as a Texinfo manual. If the **info** and **libidn** programs are properly installed at your site, the command

info libidn

should give you access to the complete manual. As an alternative you may obtain the manual from:

<https://www.gnu.org/software/libidn/manual/>