NAME
    idn2_register_ul - API function

SYNOPSIS
    #include <idn2.h>

    int idn2_register_ul(const char * *ulabel***, const char *** *alabel***, char ** *** *insertname***, int** *flags***);**

ARGUMENTS
    const char * ulabel
                input zero-terminated locale encoded string, or NULL.

    const char * alabel
                input zero-terminated ACE encoded string (xn--), or NULL.

    char ** insertname
                newly allocated output variable with name to register in DNS.

    int flags   optional **idn2_flags** to modify behaviour.

DESCRIPTION
    Perform IDNA2008 register string conversion on domain label *ulabel* and *alabel* , as described in
    section 4 of RFC 5891. Note that the input *ulabel* is assumed to be encoded in the locale's default
    coding system, and will be transcoded to UTF-8 and NFC normalized by this function.

    It is recommended to supply both *ulabel* and *alabel* for better error checking, but supplying just one of
    them will work. Passing in only *alabel* is better than only *ulabel* . See RFC 5891 section 4 for more
    information.

    After version 0.11: *insertname* may be NULL to test conversion of *src* without allocating memory.

RETURNS
    On successful conversion **IDN2_OK** is returned, when the given *ulabel* and *alabel* does not match
    each other **IDN2_UALABEL_MISMATCH** is returned, when either of the input labels are too long
    IDN2_TOO_BIG_LABEL is returned, when *alabel* does does not appear to be a proper A-label
    IDN2_INVALID_ALABEL is returned, when *ulabel* locale to UTF-8 conversion failed
    IDN2_ICONV_FAIL is returned, or another error code is returned.

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

General guidelines for reporting bugs: https://www.gnu.org/gethelp/
Libidn2 home page: https://www.gnu.org/software/libidn2/

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SEE ALSO

The full documentation for **libidn2** is maintained as a Texinfo manual. If the **info** and **libidn2** programs
are properly installed at your site, the command

info libidn2

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

https://www.gnu.org/software/libidn/libidn2/manual/