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Homoglyph Attack Generator

This app is meant to make it easier to generate homographs based on Homoglyphs than having to search for look-a-like character in Unicode, then coping and pasting. Please use only for legitimate pen-test purposes and user awareness training. I also recommend webapp developers use it to test out possible user impersonation attacks in their code. This is still a work in progress, so please send me suggestions (especially for new Homoglyphs to add). While this tool was designed with making IDNA/Punycode names for putting into DNS to display foreign characters in a browsers URL bar, it can be used for other things. Try ignoring the IDNA/Punycode stuff and just making look alike user names for systems that accept Unicode. I made this tool to easily generate homographs based on homoglyphs in Unicode and to test out how different apps display them. It seems like a lot of modern browsers have gotten better at warning the users of attack, but I'd love to hear experiences about other apps that accept Unicode/Punycode/Internationalized Domain Names, especially webapps.

For more information see my [Paper Proposal for "Out of Character: Use of Punycode and Homoglyph Attacks to Obfuscate URLs for Phishing"](#).

1st, type in a name to look like:

2nd, choose homoglyphs to use:

3rd, Output will be something like this:

Output appears here.

4th submit so PHP can generate the IDNA/Punycode:

Submit

Unicode URL to give out:

Below is phylab's original converter if you want to try taking the Homograph back and forth:

PHP code based on examples and libraries from phlyLabs Berlin; part of [phlyMail](#)
Also thanks to <http://homoglyphs.net> for helping me find more glyphs.

Char	Homoglyphs
	L l I i L L I L l
m	M m M M M M M m M m M m
n	N n N N N n
O	0 O o O o O o S 摠 O o
p	P p P p P p P P p
q	Q q Q. Q. Q q
r	R r R h R R R r
s	S s S s S S S S S S S s
t	T t T τ T T T t
u	U u μ u U U U U u
v	V v V v V V v V v
w	W w W W w
x	X x X x X x X x X x
y	Y y Y y Y Y y
z	Z z Z Z Z z
{	{ {
}	} }
~	~ ~ ~
ß	ß ö
ä	Ä Ä
ö	Ö Ö

Changes:
 11/28/2017: Added `q` as suggested by rockethamster. 3/11/2012: Added option to use 'Right-To-Left Override' (U+202E) so you can do some stupid EXE tricks, and added a linkless output so you can copy & paste your homography without formatting. 3/11/2012: Added `/` for `.` 4/3/2012: I found a list of IDN blacklisted characters on Mozilla's site and added them. I also added a table of the homoglyphs I'm using.
 3/6/2012: `·` was also suggested by [@Vbulet](#).
 3/5/2012: [@Vbulet](#) suggested I add Arabic letter `ل`. I put it in for `l`, `i`, and `1`.

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