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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:

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

Output appears here.

Submit

Unicode URL to give out:

