

A Natural Language URL-Shortener

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➔ *<https://www.hackerschool.com/manual#sec-history>*

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concealment of final destination

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- <http://7.ly/iMau>
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- <http://qr.net/Bozx>
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- <http://x.vu/KC4s4e>
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easy to remember?

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**easier to remember
short only if you get there first**

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The trick to picking always-readable short URL-paths:

use the characters for the most common Chinese words

Chinese characters

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 $1692 \in \text{simp} \cap \text{trad}$)

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kind	random 字 :	random Roman digraph
#	2635	2704

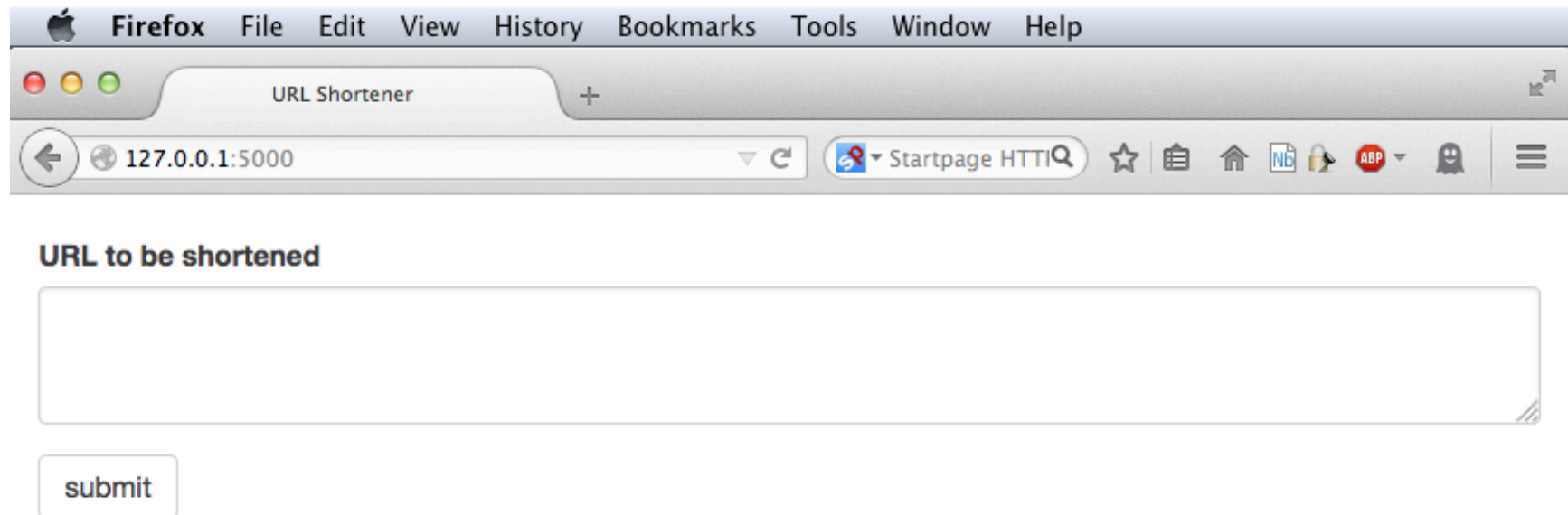
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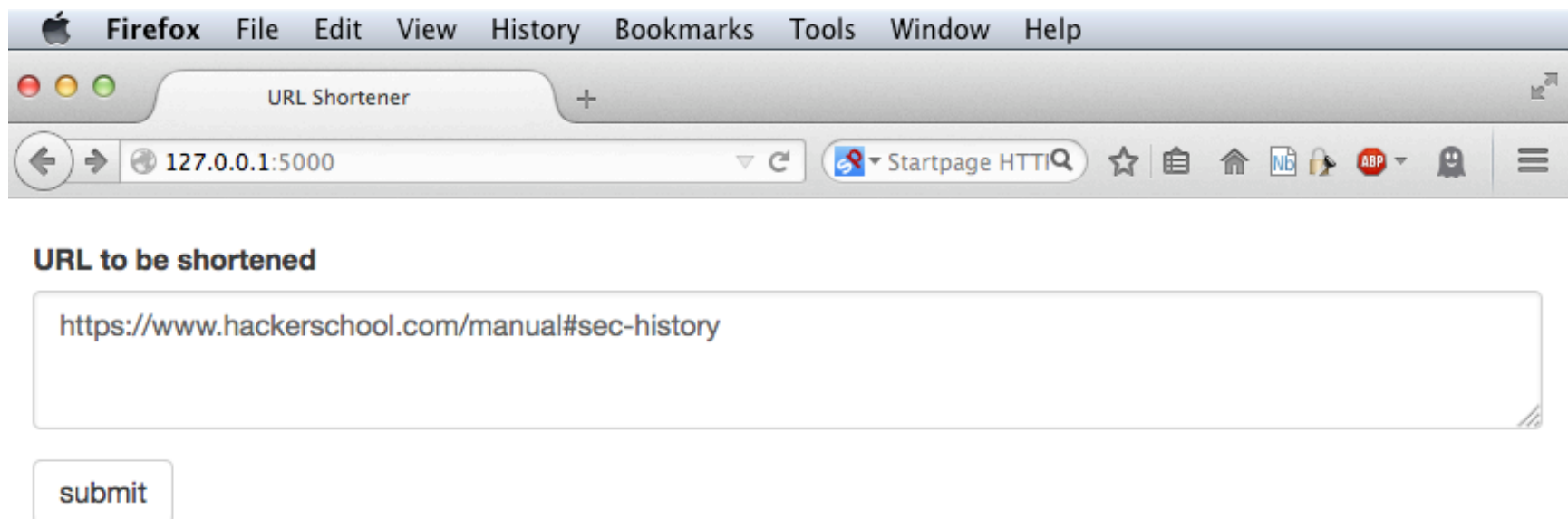
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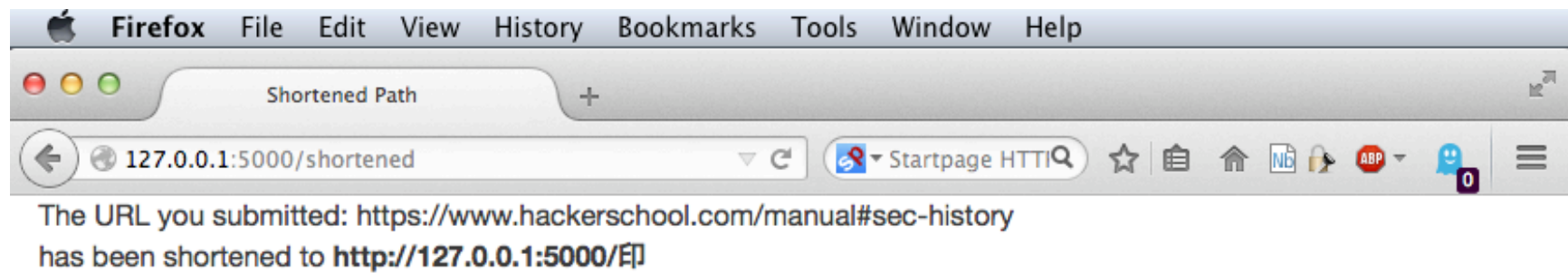
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readable?	guaranteed	probably not

Code for proof-of-concept on my public Git repository.



*Branner, A Natural Language URL-Shortener
Hack and Tell, 20140610. p. 27/39*





First c. 2650 URLs ➔ one character

`http://127.0.0.1:5000/印`

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Next c. $2650 \times 2650 = 7022500$ URLs → two characters

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Next c. $2650 \times 2650 = 7022500$ URLs → two characters

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Next 18,609,625,000 URLs → three characters

`http://127.0.0.1:5000/天鼻歪`

Always readable

Always readable (may not make sense...)

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Note: many custom shorteners allow Chinese characters:

<http://bit.ly/史>

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Also note: the advantage of shortening to Chinese does not mean bandwidth savings:

<http://bit.ly/史> = <http://bit.ly/%E5%8F%B2>

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