

Lunch & Learn

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- 1. Intro + Motivation
- 2. Setup / Live Demo / Tutorial













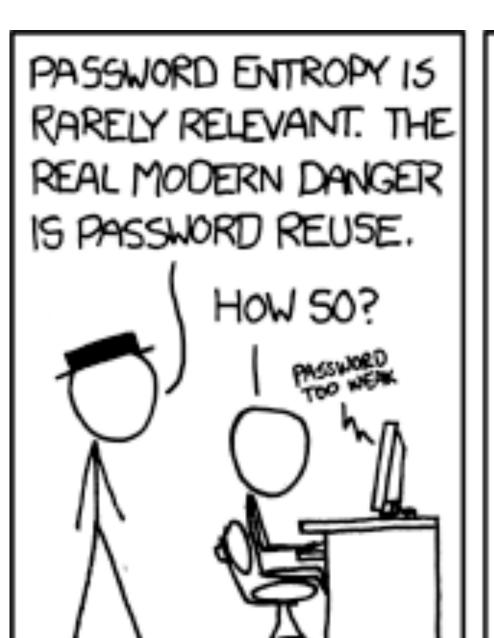






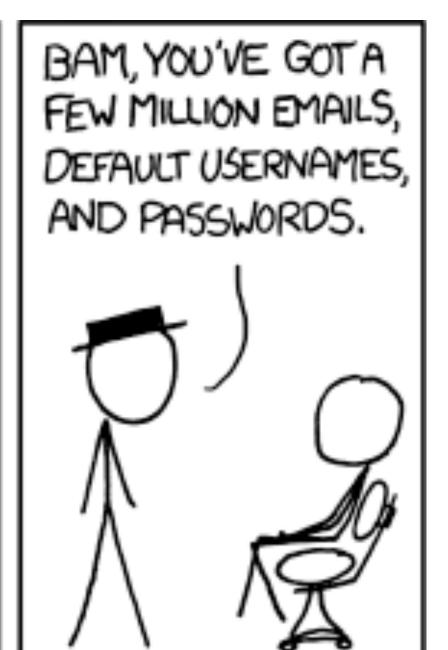
we're also helping them.

# ... by reusing our passwords



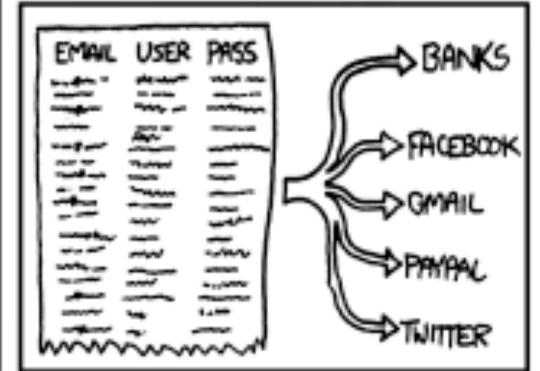
SET UP A WEB SERVICE TO DO SOMETHING SIMPLE, LIKE IMAGE HOSTING OR TWEET SYNDICATION, SO A FEW MILLION PEOPLE SET UP FREE ACCOUNTS.







USE THE LIST AND SOME
PROXIES TOTRY AUTOMATED
LOGINS TOTHE 20 OR 30
MOST POPULAR SITES, PLUS
BANKS AND PAYPAL AND SUCH.



YOU'VE NOW GOT A FEW HUNDRED THOUSAND REAL IDENTITIES ON A FEW DOZEN SERVICES, AND NOBODY SUSPECTS ATHING.



### Let's hack something

First, we need a Password.

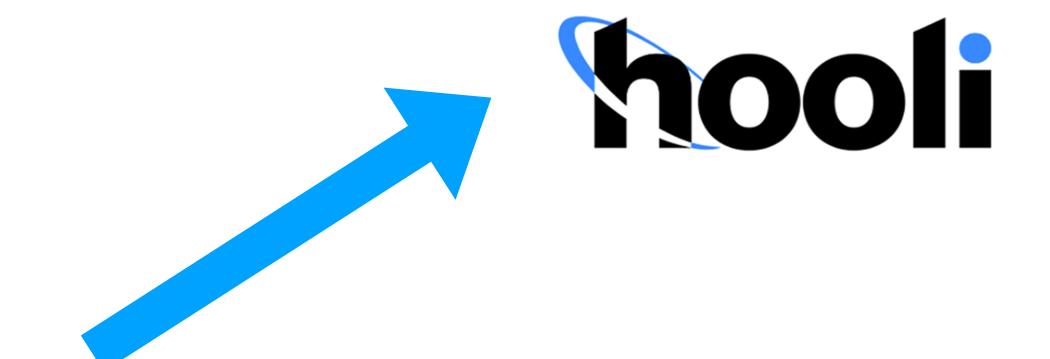
#### First, we need a Password.

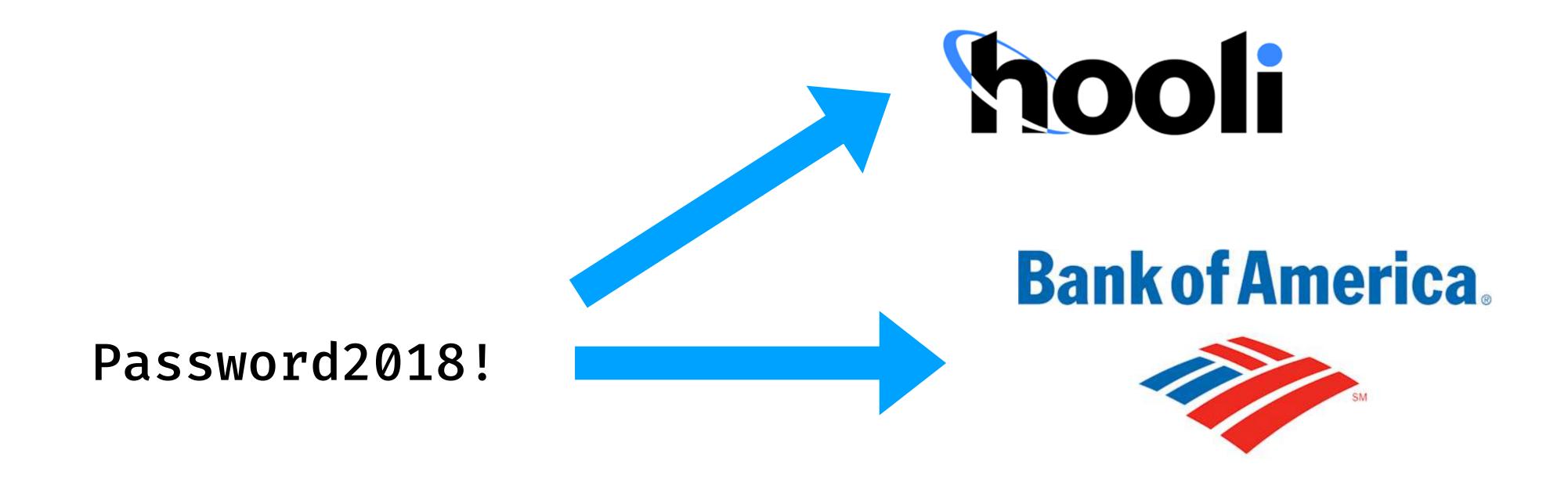


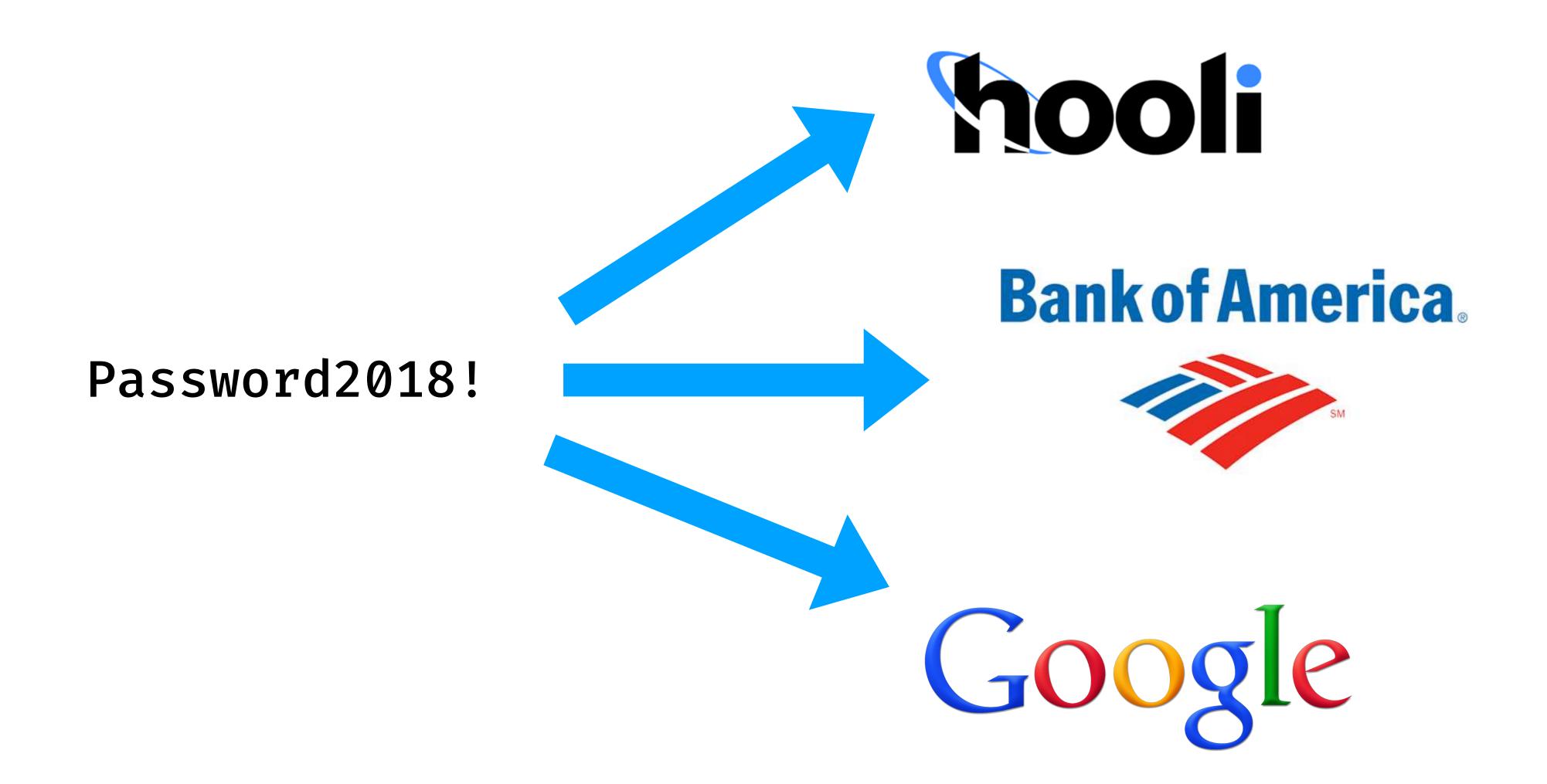
Approved!

# Strap in!





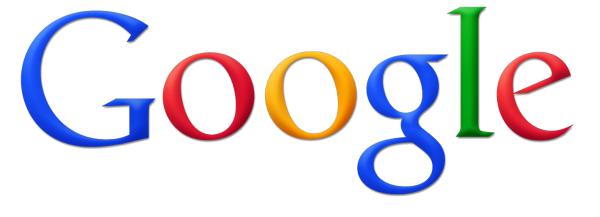






#### Bank of America.







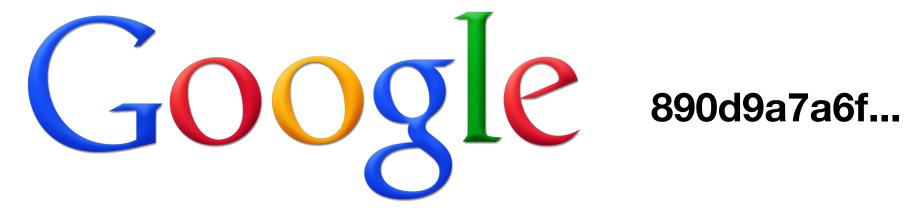
fd58b797c5...

Password2018!





451421671d...



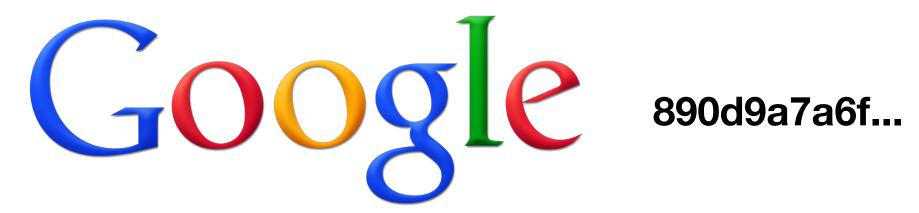


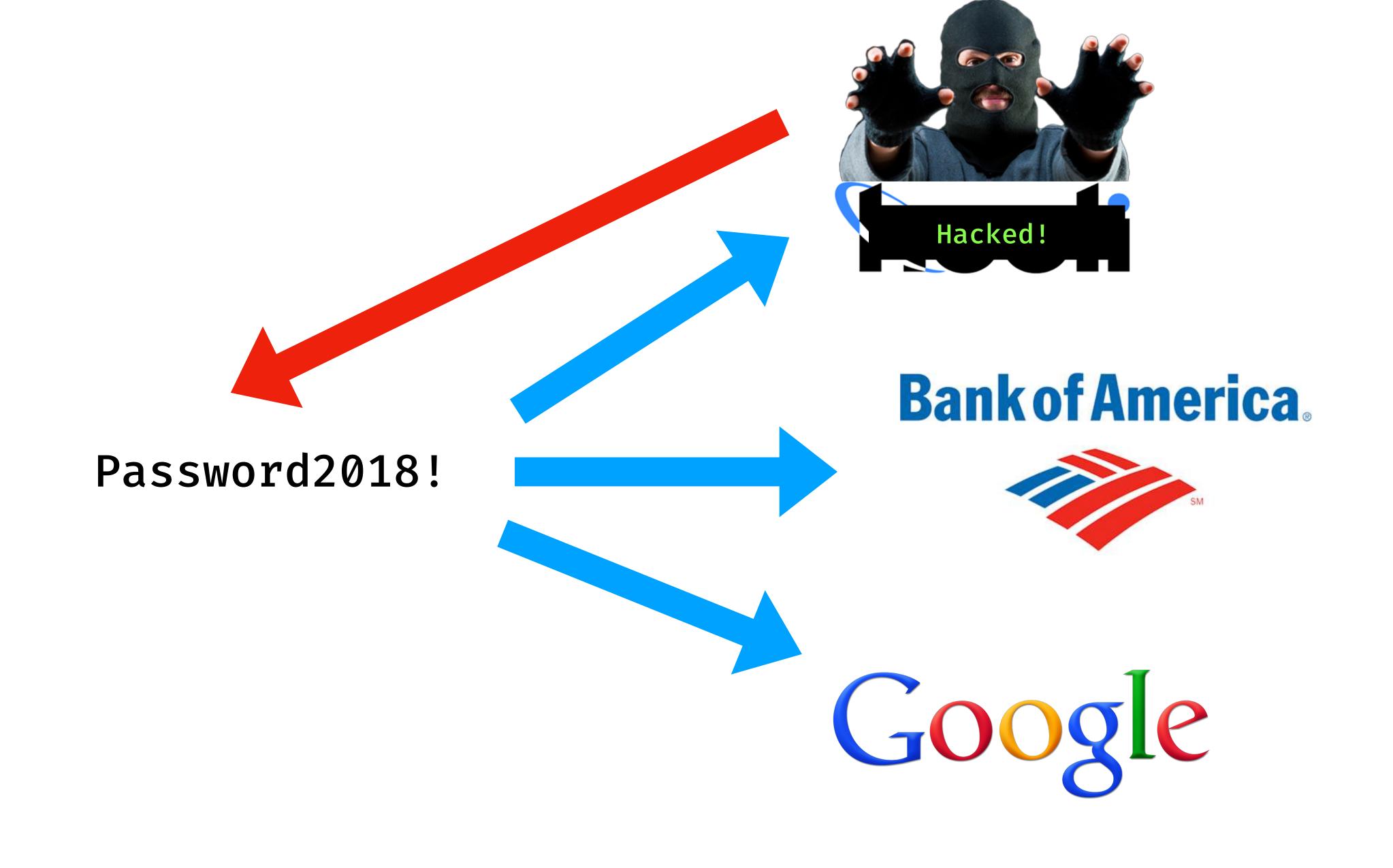
Password2018!

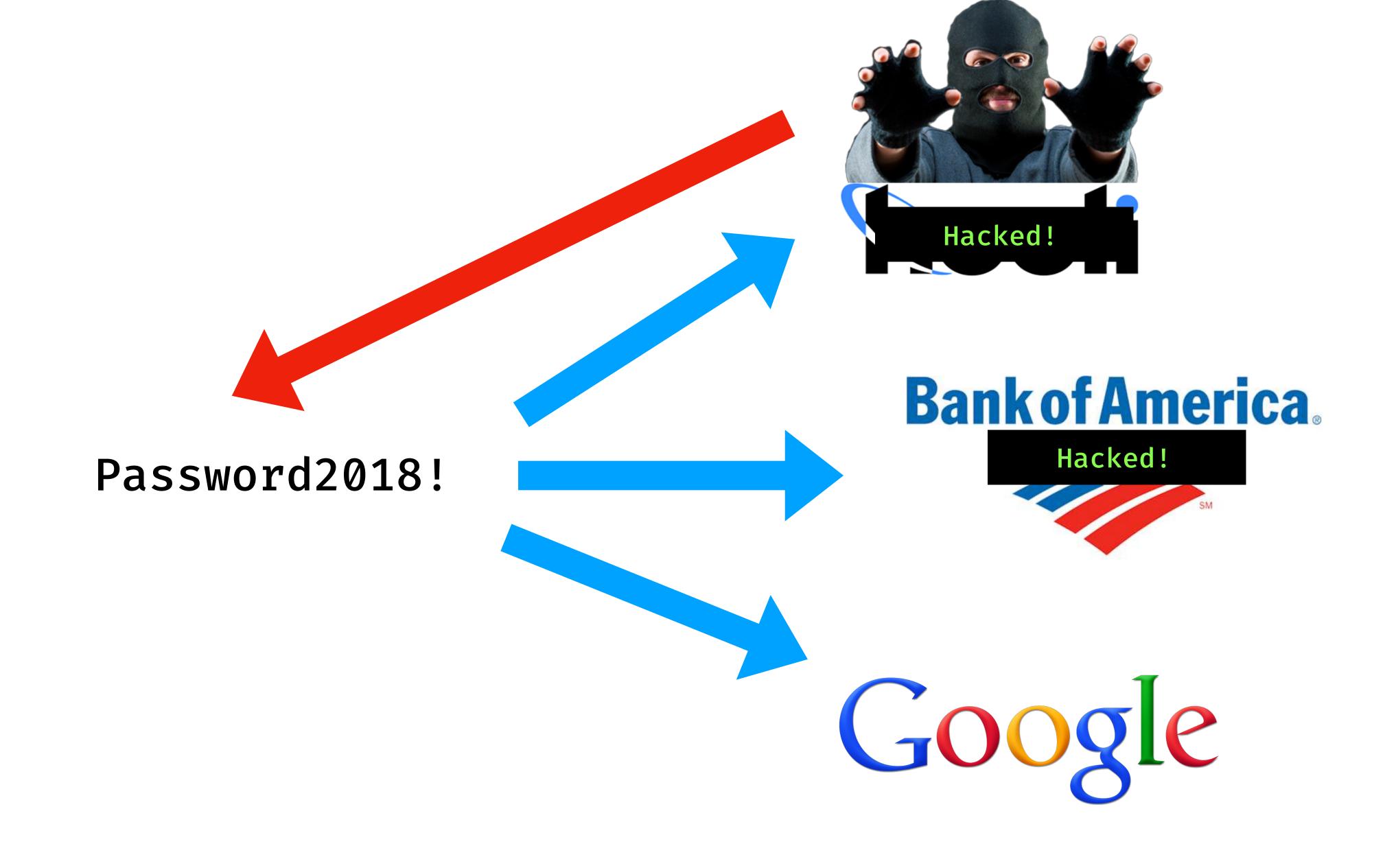


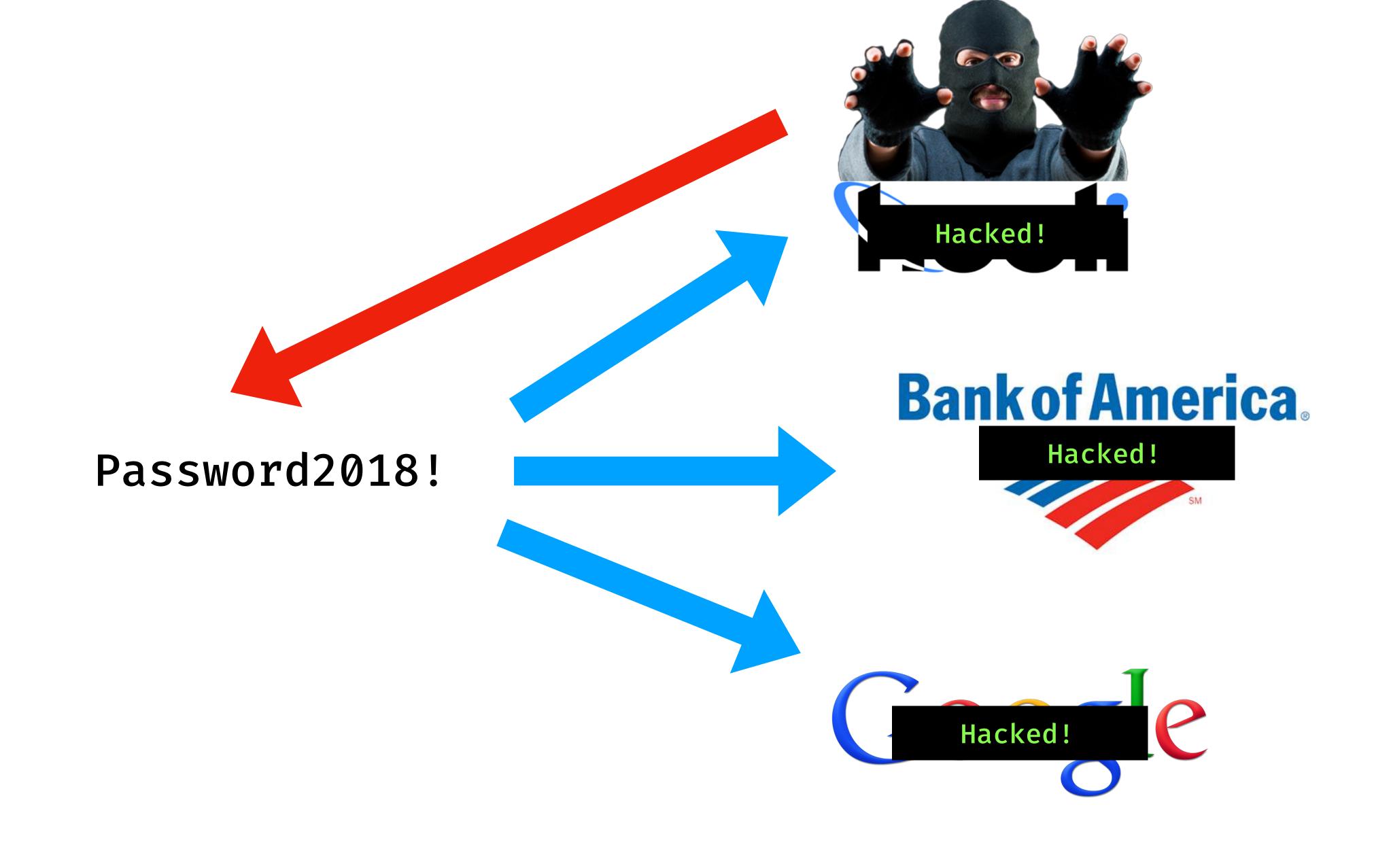


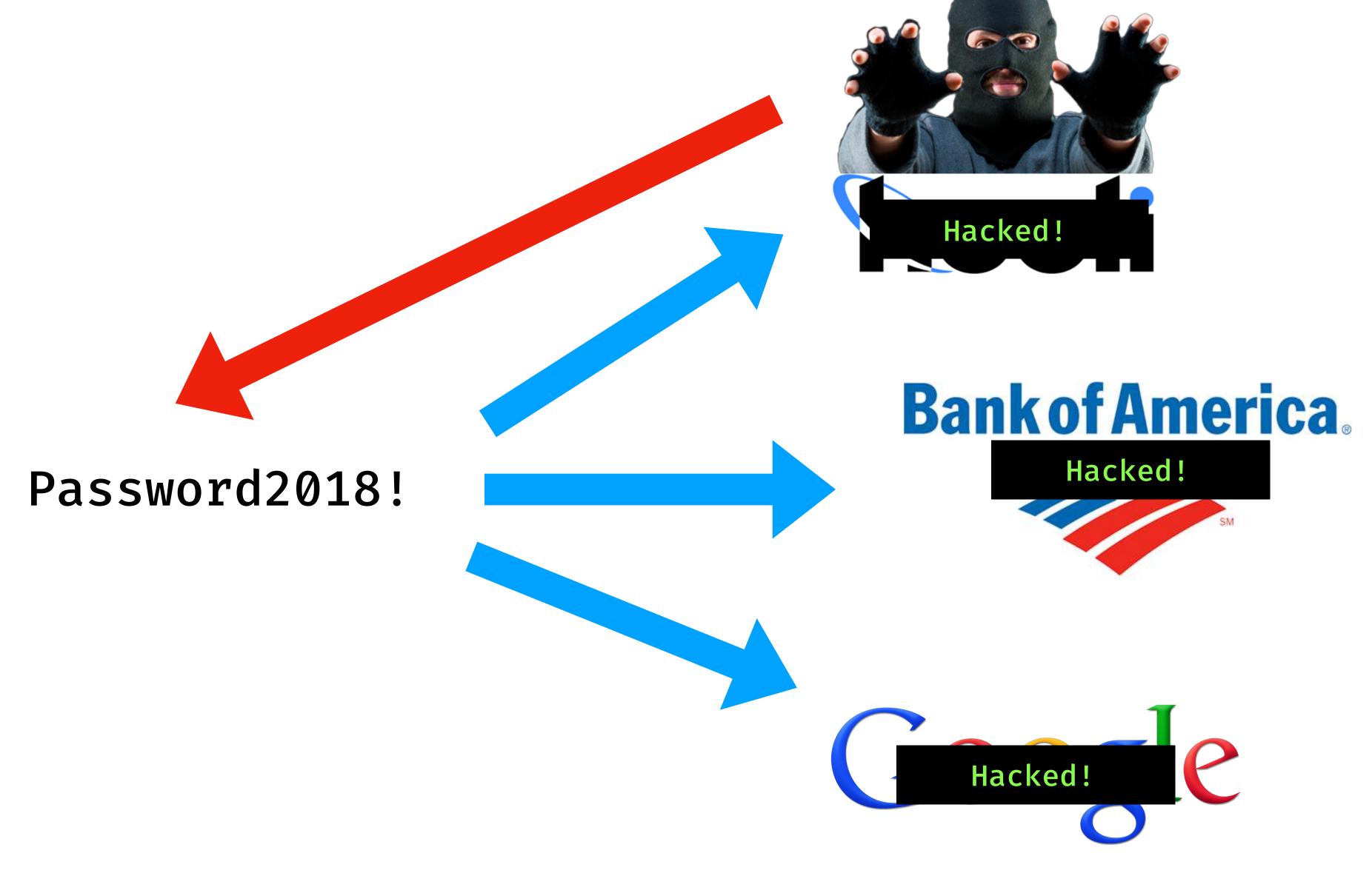
451421671d...



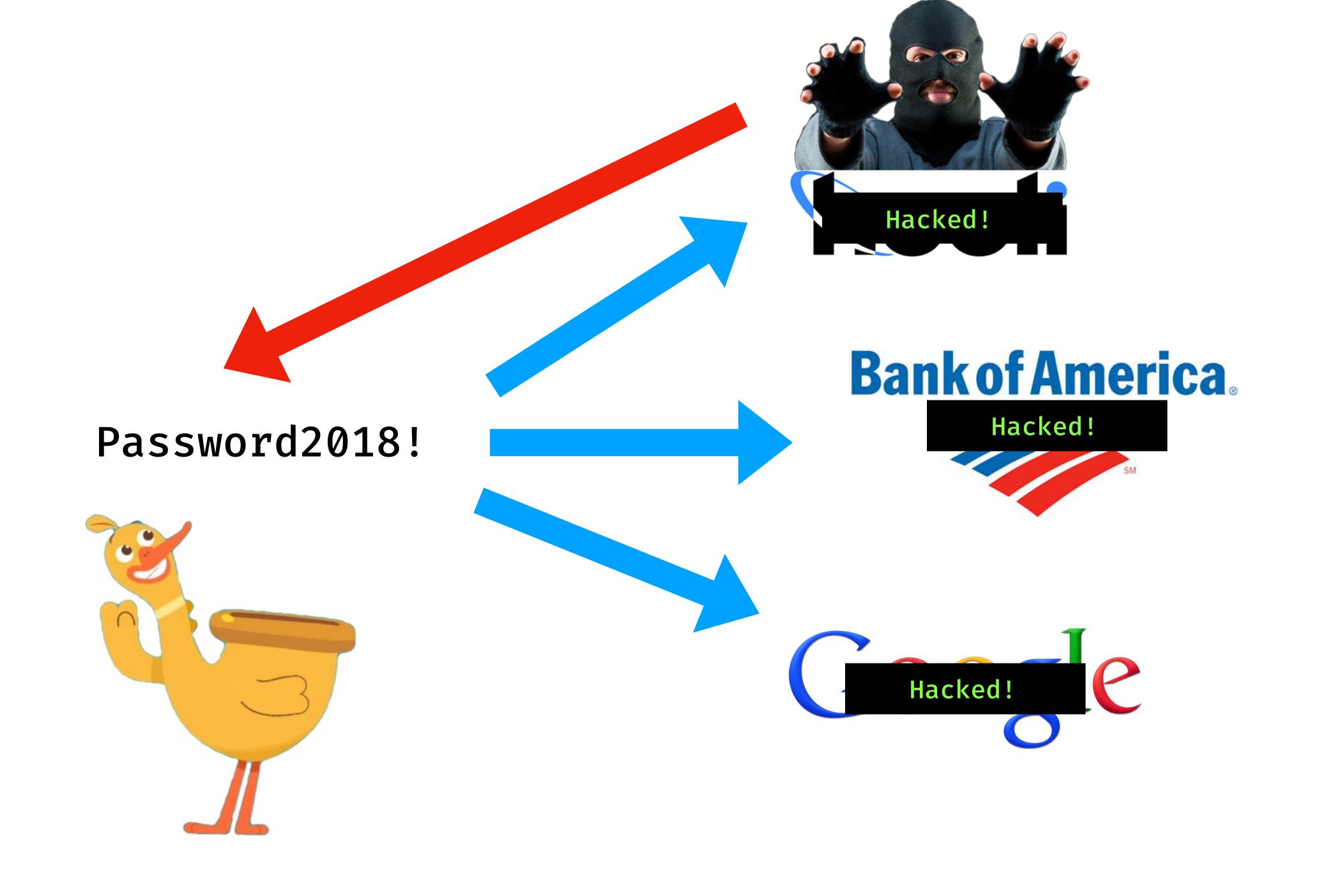


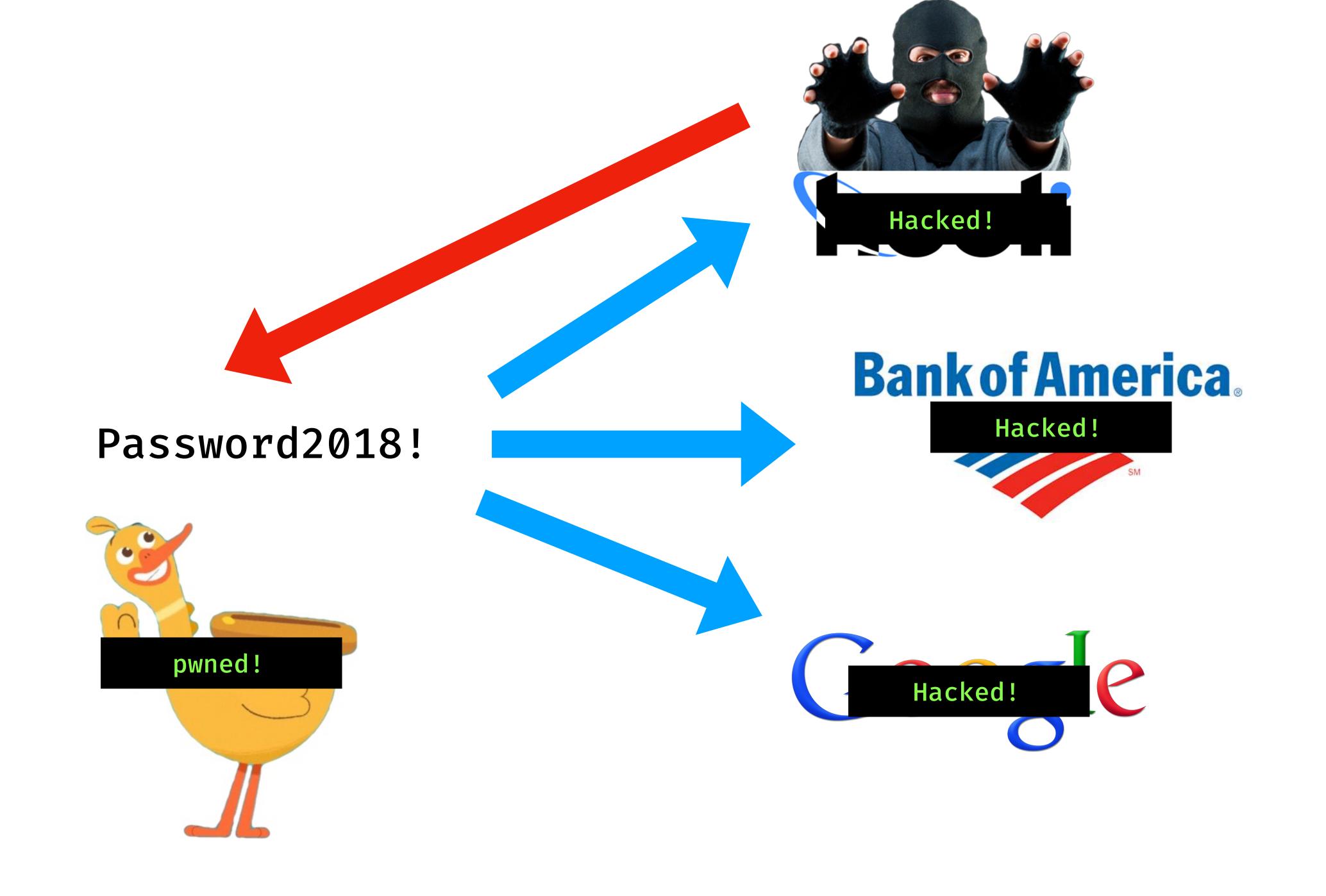






Email hacked? So is everything else.





# That's not good.





### That's not good.





#### How do we fix it?







# Random, strong passwords per website.

#### So, instead of these:

password123 🗶

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password123 🗶

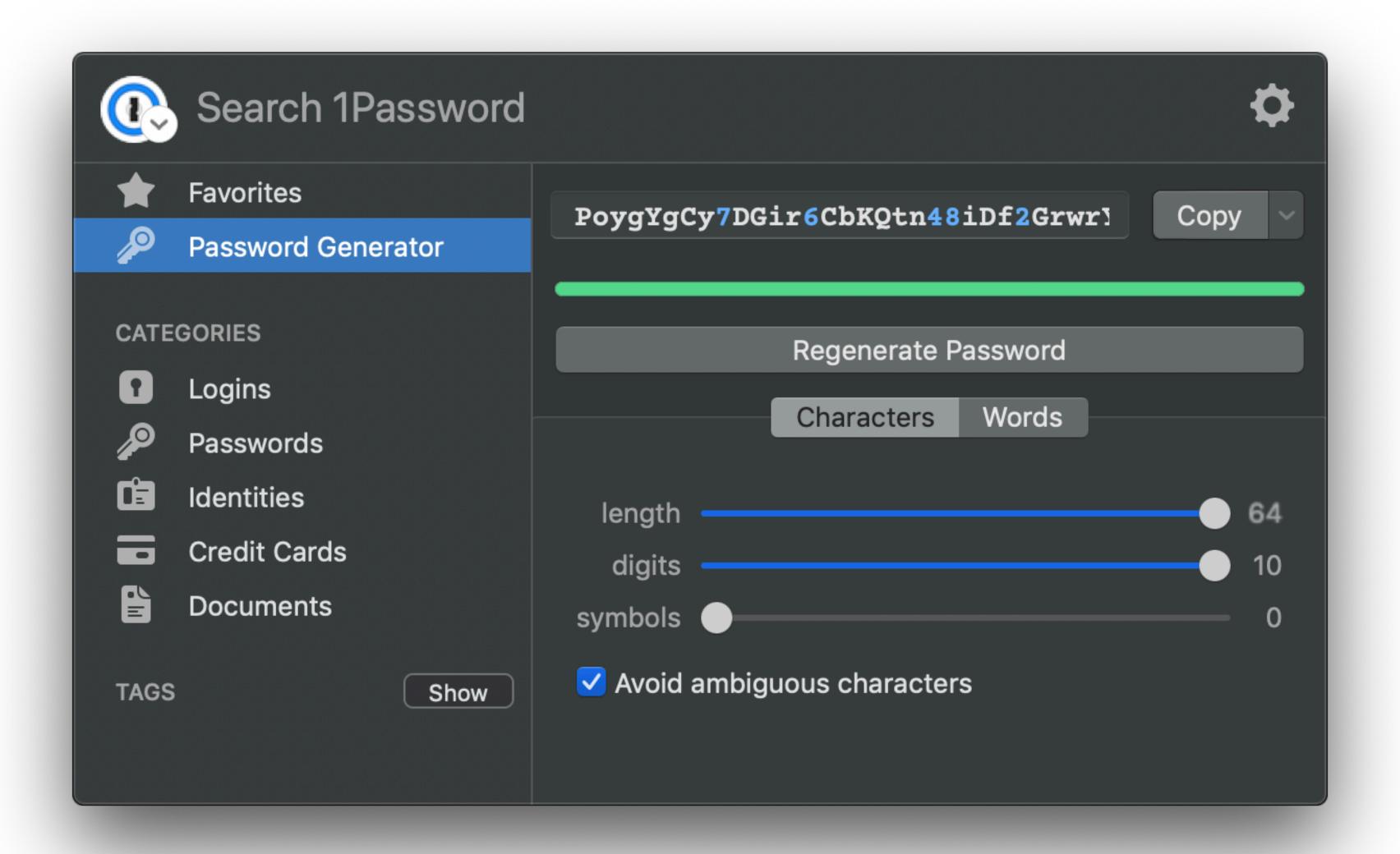
password123! X

#### So, instead of these:

password123 🗶

password123! 💢

Password2018 X



#### We can use passwords like these:

ofGEp>BdK6i#q7JimkPk(ej\*6CNqC=NcEiV3irhN2Xq@GYMTMqMK42NXPd76KJ9t ☑



#### We can use passwords like these:

ofGEp>BdK6i#q7JimkPk(ej\*6CNqC=NcEiV3irhN2Xq@GYMTMqMK42NXPd76KJ9t ☑



rD8mgQVFVazhi9t4sy+FQH9k66JajPf>yrfLAEWx6L7zuhoU;4phg]UJyPngJ.7, 💟



#### We can use passwords like these:

ofGEp>BdK6i#q7JimkPk(ej\*6CNqC=NcEiV3irhN2Xq@GYMTMqMK42NXPd76KJ9t ☑



rD8mgQVFVazhi9t4sy+FQH9k66JajPf>yrfLAEWx6L7zuhoU;4phg]UJyPngJ.7, 🔽

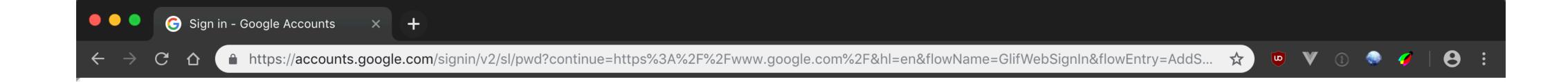


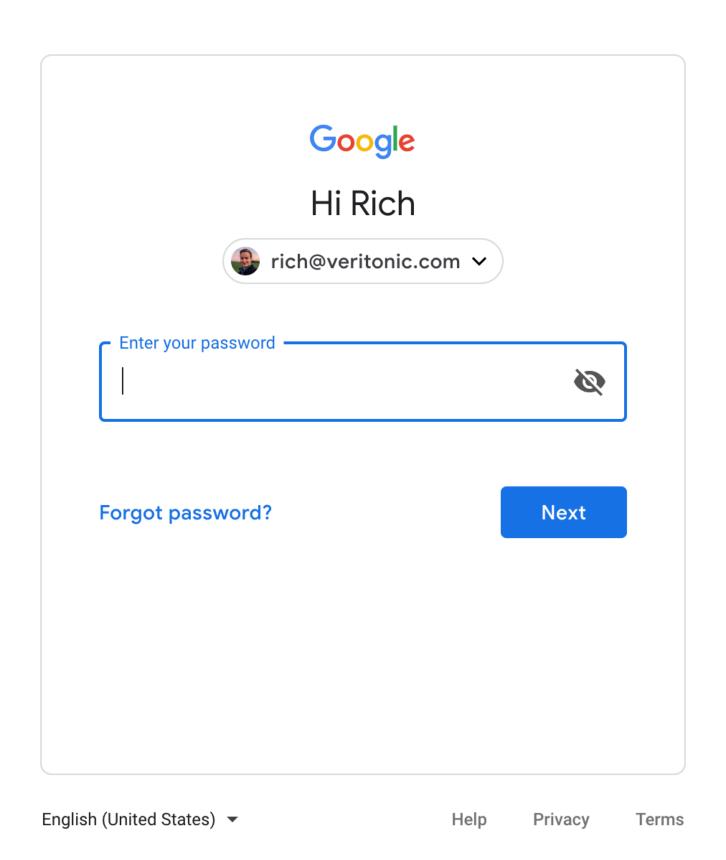
MapWFmec8Q4fqRHDU}4MT∂∂(Lyo43N62uLqcxyFP9GMZ7NFPs?JsNyRuDq(iMAB2 ✓

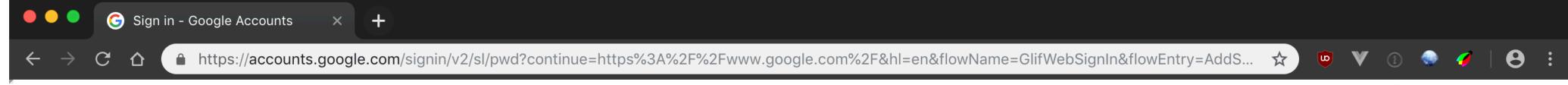
# I can't type these!

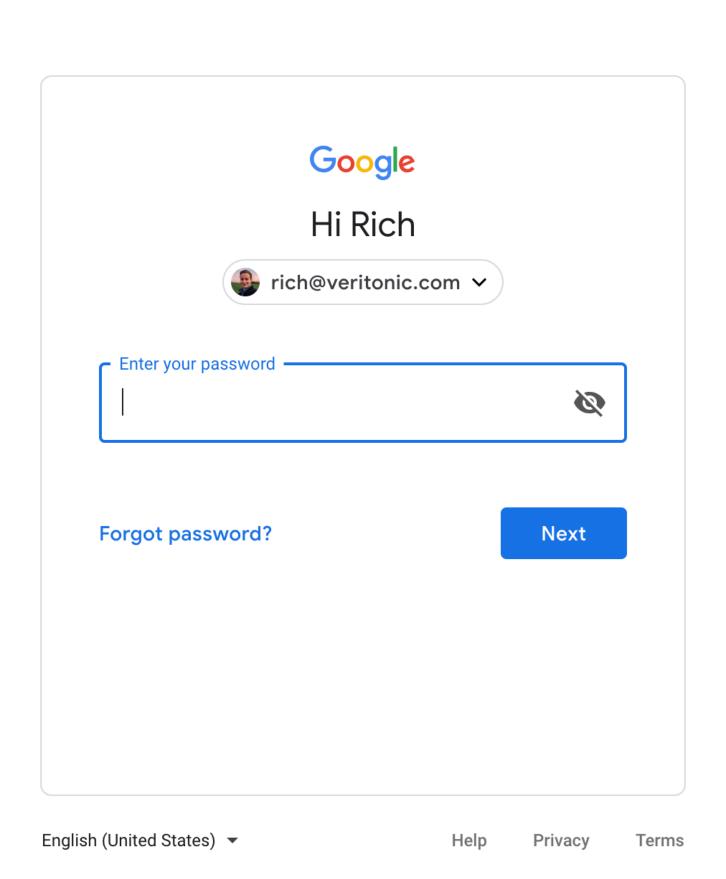
# You don't have to.

# Autofill to the rescue!

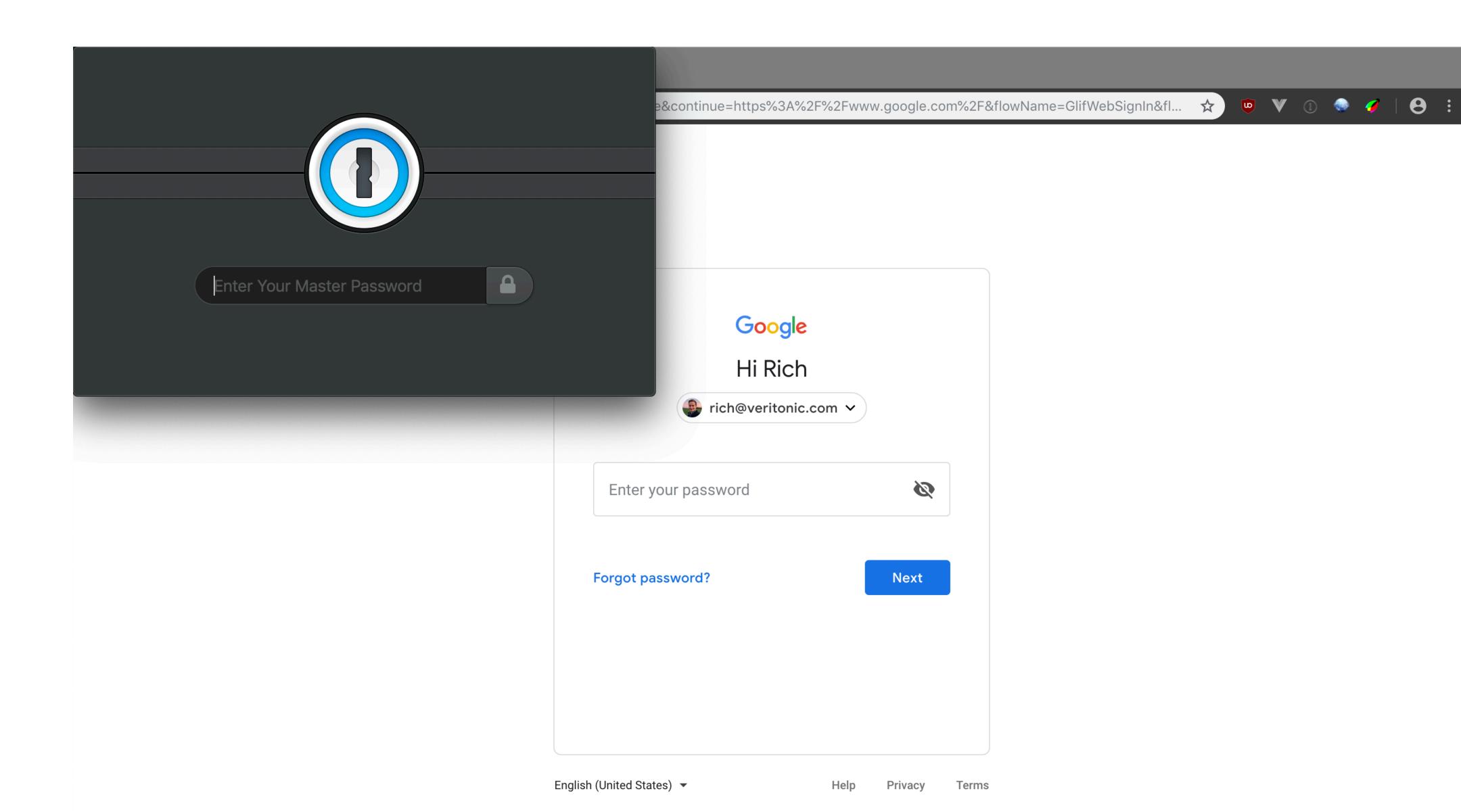




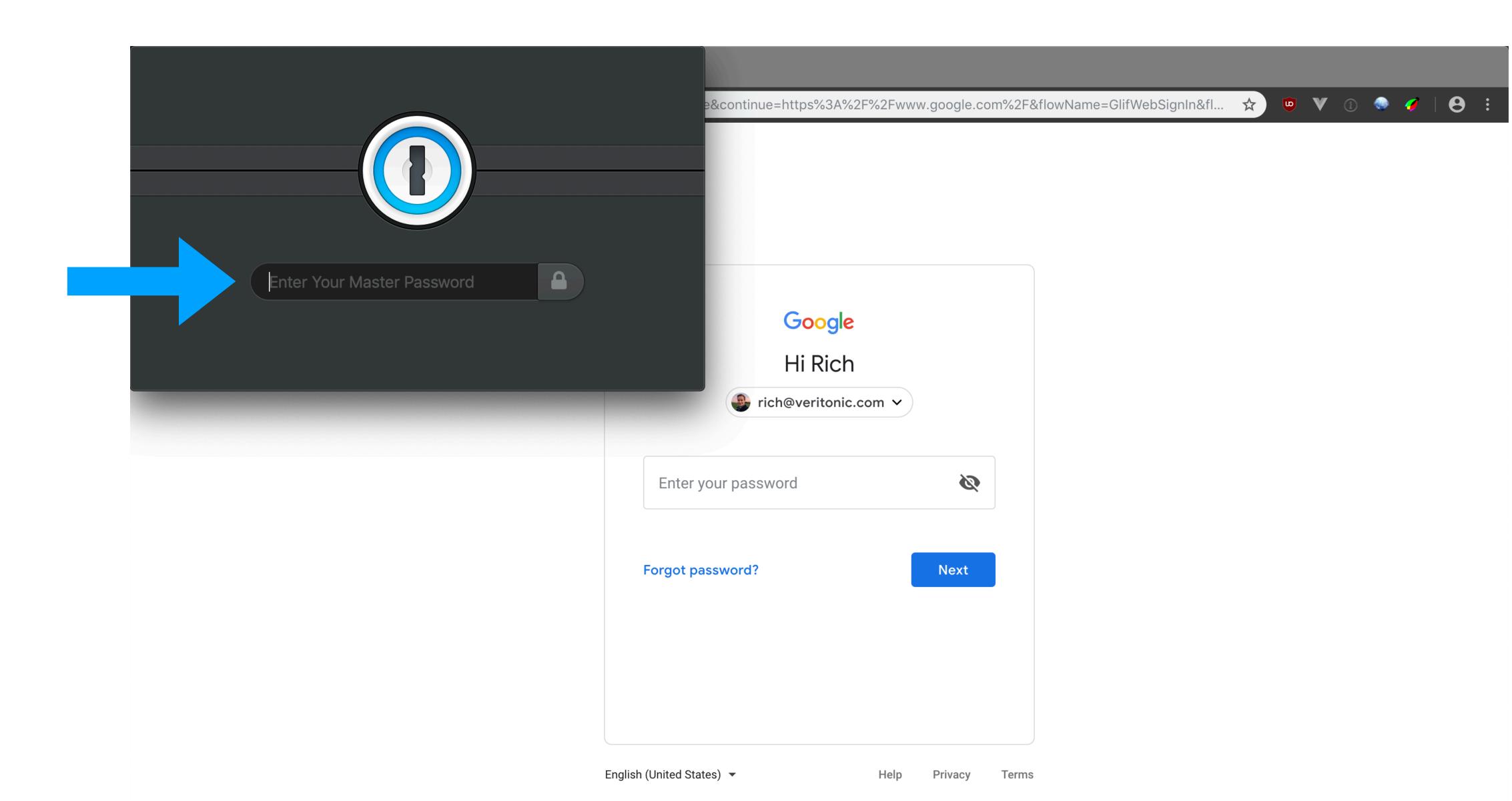




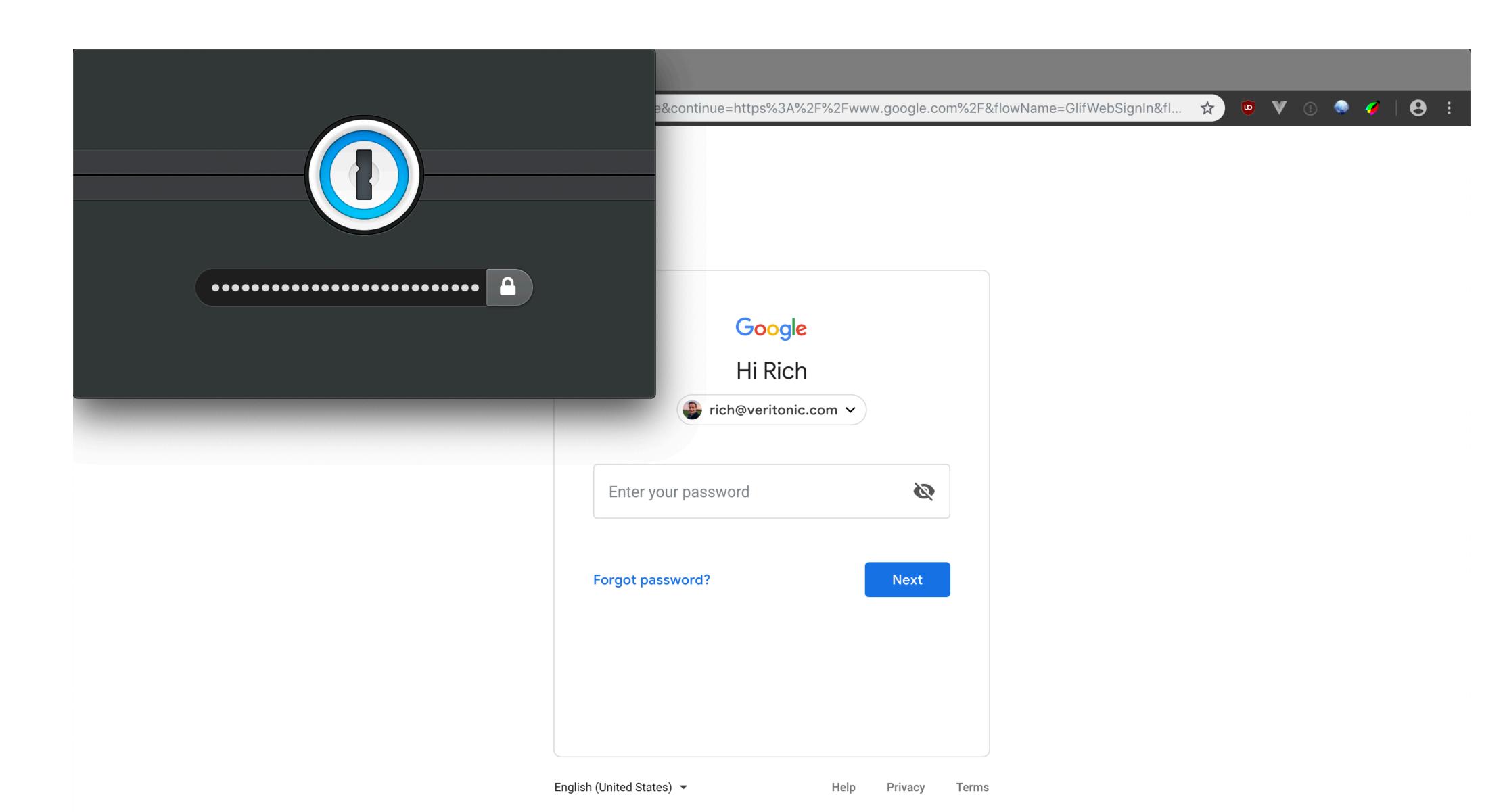
....



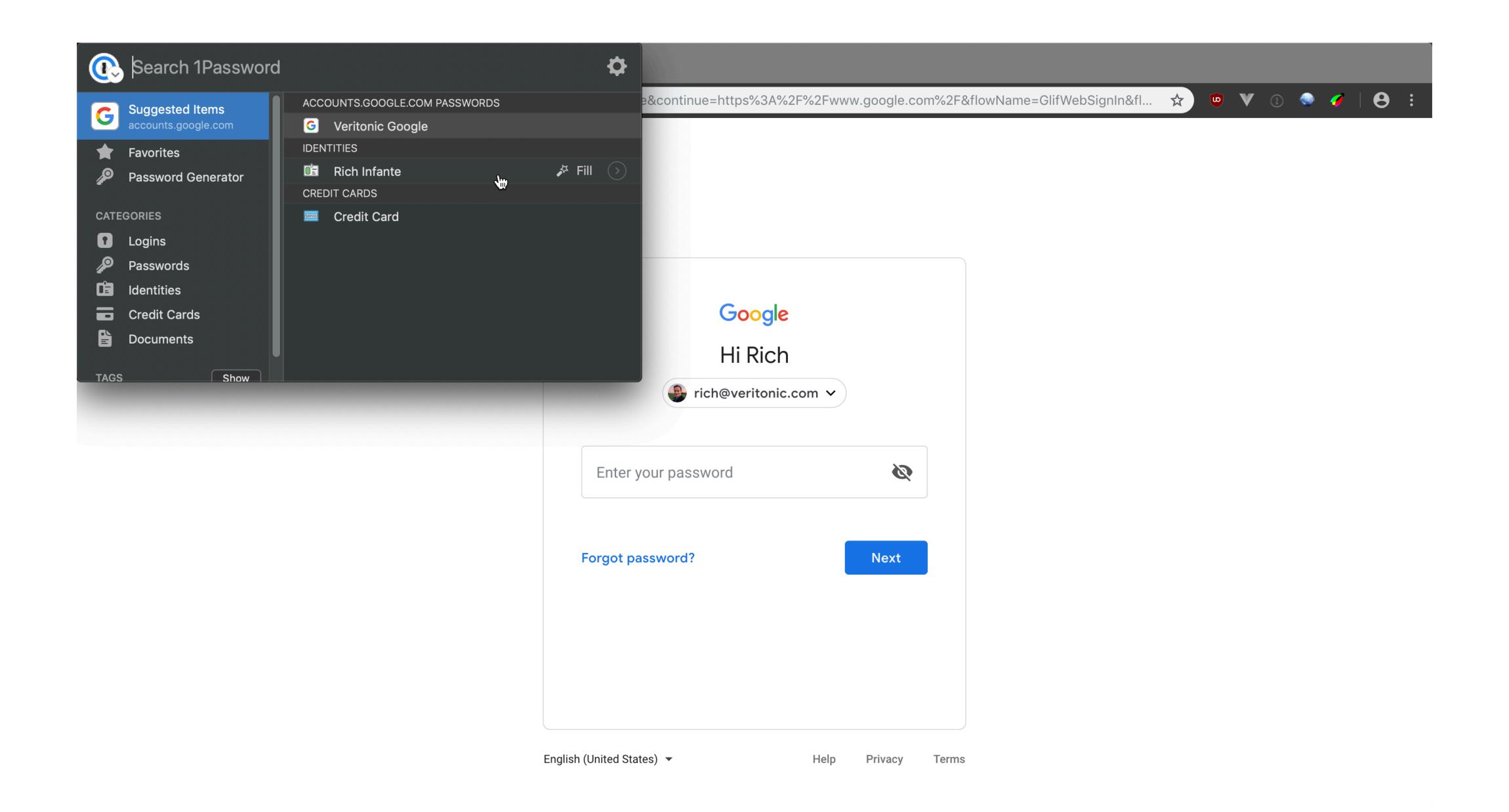
**L** 

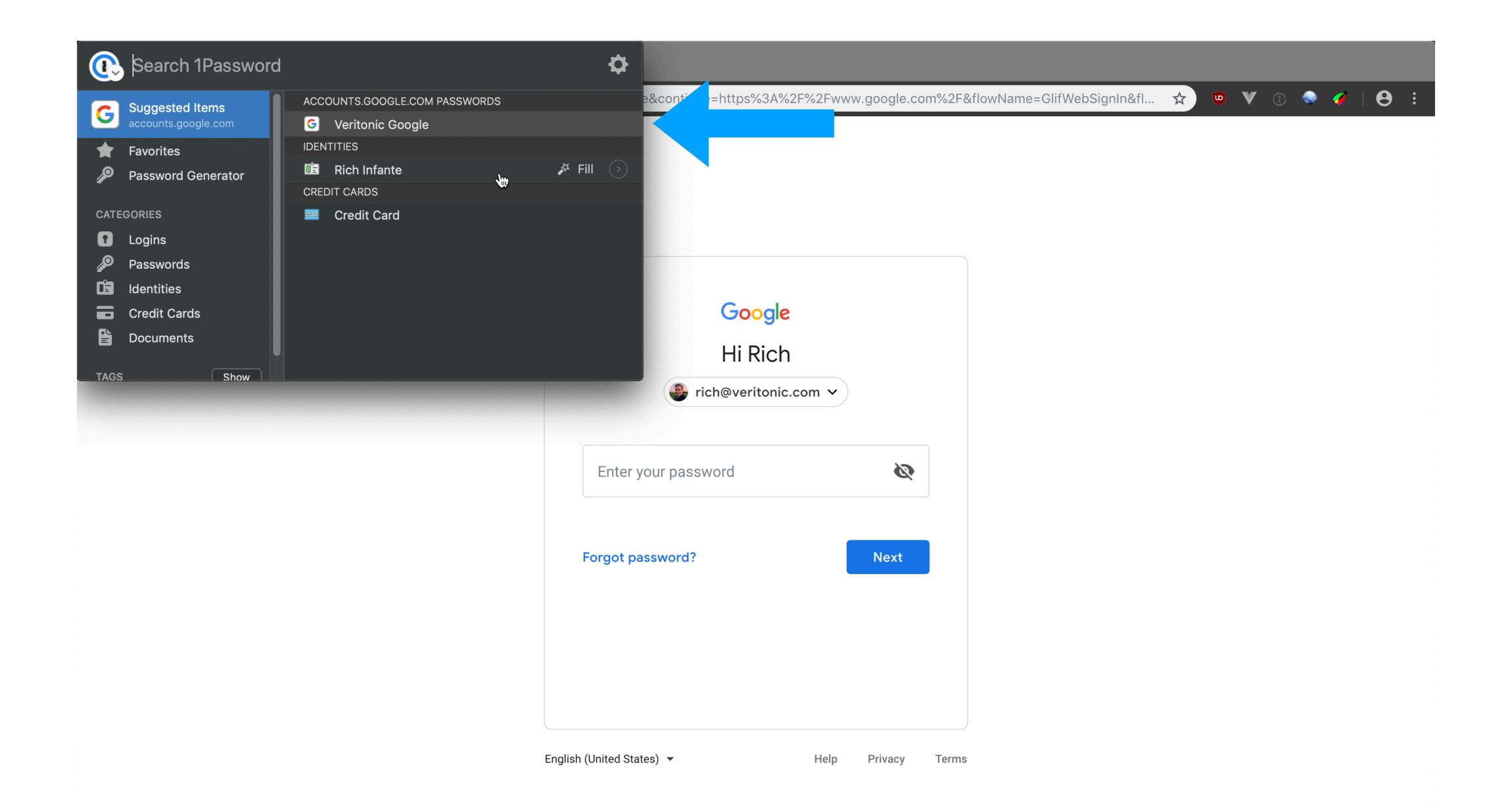


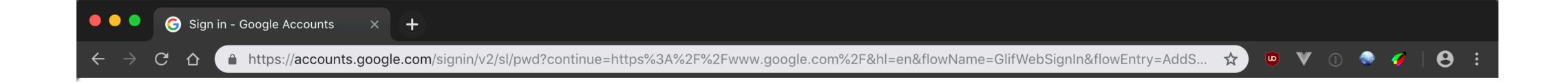
**L** 

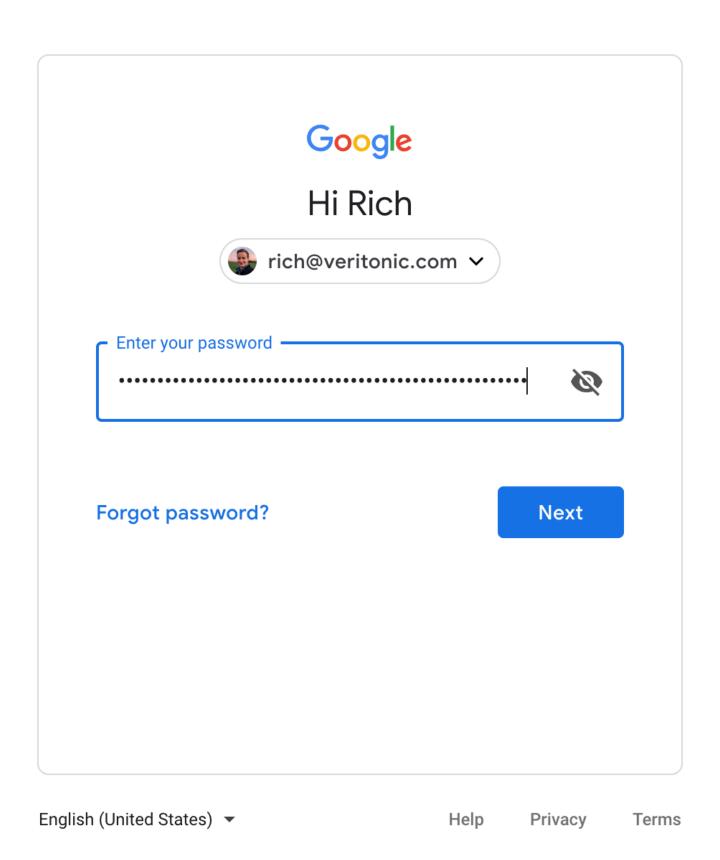


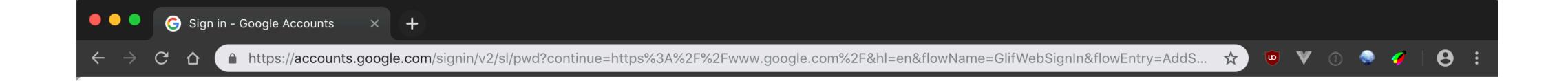
**L** 

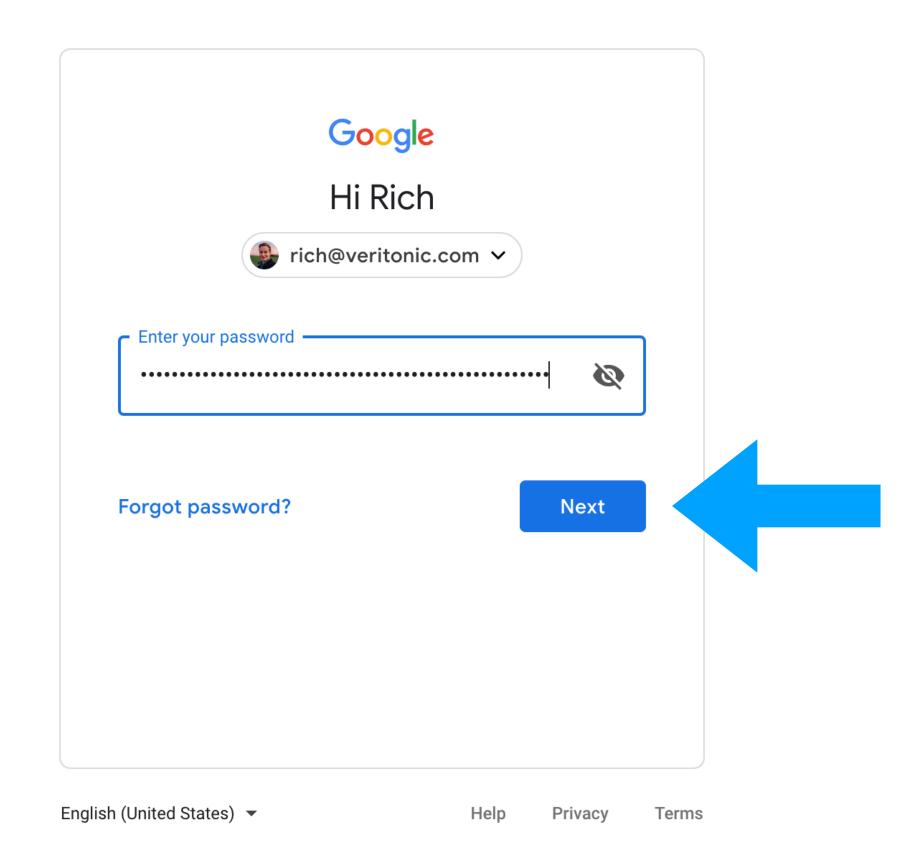






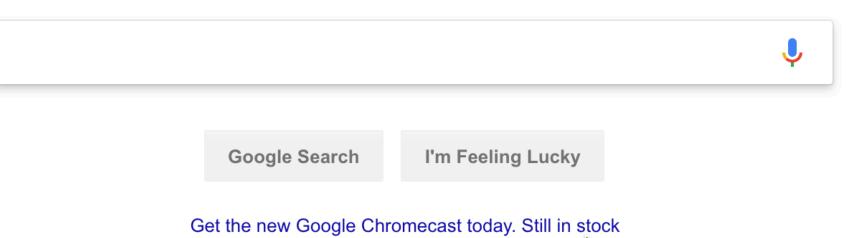












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# Live Demo!



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