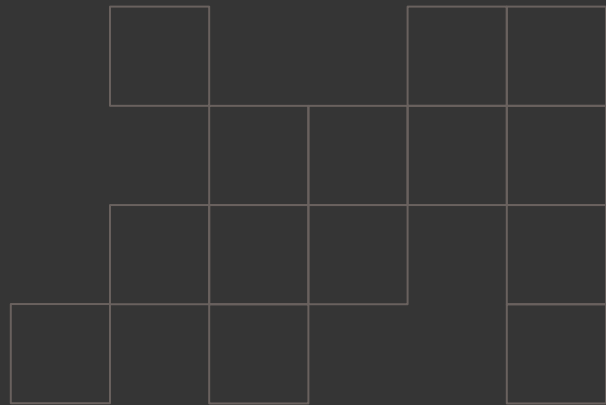


GibKey

End-to-end encryption made universal

Jeremy Kim & Zachary Schuler

<https://github.com/yka134/Project-GibKey>



The Problem

- Most major messaging platforms don't offer full end-to-end encryption



The Solution



How It Works

1. Share your public key with your friend
2. Add your friend's public key in GibKey
3. Use the shortcut to encrypt before sending
4. Click "Decrypt" to reveal encrypted messages



Example

Actual



zach 9:20 AM

Hey, here's my public key:

eyJjcniYiOiJQLTI1NiIsImV4dCI6dHJ1ZSwia2V5X29wcyI6W10sImt0eSI6IkVDIiwieCI6Imc3UmEybk4xdnI2NlRrMzZucG11SmhiQmtPSTVxdm1WNVZVaVJIQ0pmZlkiLCJ5IjoieC1DdjFvRHZNb3RqREE3M3R0b19kTXhHTkw4M1l1a1M1SXFRVTRsUnVNYyJ9

ENCRYPTED[svFJFUsuVU8l3zjovbibFWxaiRCes7/f67nDXuszuakEeMkVwX+wZo=]

ENCRYPTED[o66B+qVGgl3DUcr9leQblCSuOAGTLAfXxDpwY3DAC6zpj9GDA2sKdBBZzoqGo98njWcqcewlUIMtxyJ1iJ0s5oQLtFw==]

ENCRYPTED[WfqvqkvdI8WOZjQQZVPoulvqg5lpMMipGaSJZ0flwPInSYA9S1PtI8FM9DY=]



Your View (after decrypting)



zach 9:20 AM

Hey, here's my public key:

eyJjcniYiOiJQLTI1NiIsImV4dCI6dHJ1ZSwia2V5X29wcyI6W10sImt0eSI6IkVDIiwieCI6Imc3UmEybk4xdnI2NlRrMzZucG11SmhiQmtPSTVxdm1WNVZVaVJIQ0pmZlkiLCJ5IjoieC1DdjFvRHZNb3RqREE3M3R0b19kTXhHTkw4M1l1a1M1SXFRVTRsUnVNYyJ9

Hello judges!

These messages are completly encrypted!

Have a nice day!

Why GibKey

- Works on *any* chat app
- No servers, no data collection
- Easy to use keyboard shortcut
- “Universal privacy, one extension away”



Thank you