

NEW DIRECTIONS IN DIGITAL PROTEST

Joseph Bonneau

jcb82@cl.cam.ac.uk



**UNIVERSITY OF
CAMBRIDGE**

Computer Laboratory

FINANCIAL CRYPTO RUMP SESSION

TENERIFE, SPAIN

JANUARY 26, 2010

What's wrong with the world today?



What's wrong with the world today?



What's wrong with the world today?



What's wrong with the world today?



What's my generation doing about it?



Carl Campbell OWNER OF **FACEBOOK** HAS CONFIRMED THAT THEY WILL SEND \$1 DOLLAR TO THE RESCUE FUND FOR THE **HAITI** EARTHQUAKE DISASTER FOR EVERY TIME THIS IS CUT AND PASTED AS A STATUS. YOU ONLY HAVE TO LEAVE IT UP FOR 1 HOUR. LET'S ALL DO IT TO SUPPORT THANKS!!!!!!

5 seconds ago



Kris Van Donkersgoed THE OWNER OF **FACEBOOK** HAS CONFIRMED THAT THEY WILL SEND \$1 DOLLAR TO THE RESCUE FUND FOR THE **HAITI** EARTHQUAKE DISASTER FOR EVERY TIME THIS IS CUT AND PASTED AS A STATUS. YOU ONLY HAVE TO LEAVE IT UP FOR 1 HOUR. LET'S ALL DO IT TO SUPPORT THANKS!

12 seconds ago



SengHock Lee ... the site. This will be done in remembrance of all the lives lost in **Haiti's** Earthquake thispast week. If you agree please copy.
http://apps.facebook.com/st_lfdtwo_b/

16 seconds ago



Karen Gallagher THE OWNER OF **FACEBOOK** HAS CONFIRMED THAT THEY WILL SEND \$1 TO THE RESCUE FUND FOR THE **HAITI** EARTHQUAKE DISASTER FOR EVERY TIME THIS IS CUT AND PASTED AS A STATUS. YOU ONLY HAVE TO LEAVE IT UP FOR 1 HOUR. LET'S ALL DO IT TO SUPPORT **HAITI**. THANKS!

17 seconds ago



Vera Streicher THE OWNER OF **FACEBOOK** HAS CONFIRMED THAT THEY WILL SEND \$1 DOLLAR TO THE RESCUE FUND FOR THE **HAITI** EARTHQUAKE DISASTER FOR EVERY TIME THIS IS CUT AND PASTED AS A STATUS. YOU ONLY HAVE TO LEAVE IT UP FOR 1 HOUR. LET'S ALL DO IT TO SUPPORT THANKS!!!!!!

8 seconds ago

What's my generation doing about it?



[Send Kimberley a Message](#)
[Poke Kimberley](#)

Kimberley Hussein Grant [Add as Friend](#)

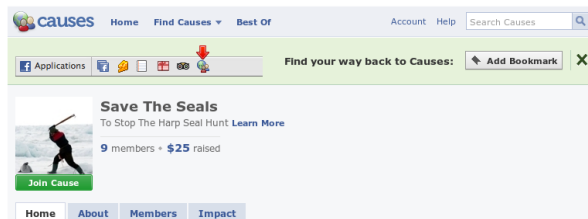
[Wall](#) [Info](#) [Photos](#) [Boxes](#)

 Kimberley only shares some of her profile information with everyone. If you know Kimberley, [send her a message](#) or [add her as a friend](#).

Basic Information

Networks:	Oregon Alum '08
Sex:	Female

What's my generation doing about it?



The screenshot shows the Causes website interface. At the top, the 'causes' logo is on the left, and navigation links for 'Home', 'Find Causes', and 'Best Of' are in the center. On the right, there are links for 'Account' and 'Help', and a search bar labeled 'Search Causes'. Below the navigation bar, there is a row of social media application icons (Facebook, Twitter, etc.) and a red arrow pointing to a specific icon. To the right of this row, the text 'Find your way back to Causes:' is followed by an 'Add Bookmark' button and a close icon. The main content area features a campaign titled 'Save The Seals' with the subtitle 'To Stop The Harp Seal Hunt' and a 'Learn More' link. Below this, it shows '9 members + \$25 raised' and a green 'Join Cause' button. At the bottom of the campaign section, there are tabs for 'Home', 'About', 'Members', and 'Impact'.

What's my generation doing about it?



What's my generation doing about it?



You too Can Contribute to the Effort

Français | Português | Русский | Español | English | עברית

Home Page | Instructions | Download

Who are we?

We are a group of students who are tired of sitting around doing nothing while the citizens of Sderot and the cities around the Gaza Strip are suffering, NO MORE!
We will not sit around and watch our children fear and cry out for help while the missiles are flying over their heads!
We say NO MORE!

What have we done about it?

We created a project that unites the computer capabilities of many people around the world.
Our goal is to use this power in order to disrupt our enemy's efforts to destroy the state of Israel.
The more support we get, the efficient we are!

How can you help?

You [download](#) and install the file from our site.
The file is harmless to your computer and could be immediately removed.
There is no need for identification of any kind - anonymity guaranteed!

Reports

Reports from the communication warfare between Israel and Hamas:

<http://www.poworld.idg.com.au/artid>
Social networks link terrorists

Status

8505 people have joined us so far.

You can contact us here: helpisraelwin@gmail.com

SHARE

What's my generation doing about it?



Why digital protest currently sucks

- No commitment
- Low-cost=low-attention

The way it used to be



The way it used to be



The way it used to be



The way it used to be



Beter digital protest

- Want real commitment
- Possibility of loss
 - Non-violence \implies self-harm

- N protest members submit a (valuable) digital identity
 - SNS profile
 - Webmail account
 - Online market reputation
 - Virtual world avatar
- All identities are **locked**
 - Unlock key escrowed with protest participants
- Via secret-sharing, k of N must vote to break the protest
 - Cryptographic solidarity?

- N protest members submit a (valuable) digital identity
 - SNS profile
 - Webmail account
 - Online market reputation
 - Virtual world avatar
- All identities are **locked**
 - Unlock key escrowed with protest participants
- Via secret-sharing, k of N must vote to break the protest
 - Cryptographic solidarity?

- N protest members submit a (valuable) digital identity
 - SNS profile
 - Webmail account
 - Online market reputation
 - Virtual world avatar
- All identities are **locked**
 - Unlock key escrowed with protest participants
- Via secret-sharing, k of N must vote to break the protest
 - Cryptographic solidarity?



Boycott: End protest after set time



Hunger Strike: Wait until demands met
(destroy keys to make it permanent...)

Variants



Boston Massacre: Expose a random account every t time

Work in progress

Feedback appreciated: `jcb82@cl.cam.ac.uk`