



LIBRE  
PLANET

# Share Values: Journalism and Free Software

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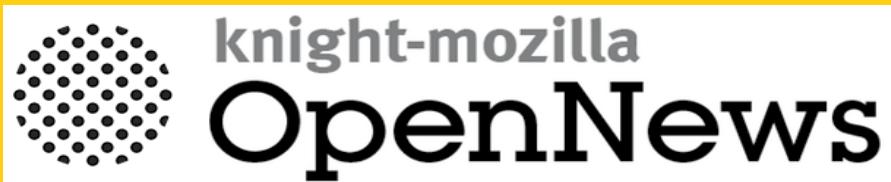
# Why FOSS and Journalists Should Collaborate:

- we value transparency
- we are skeptics
- we value objectivity
- we are concerned about data security
- we like free tools
- we want to create change!

# Why Collaboration is Hard:

- We don't explain what we do well.
- We assume our value is self-evident.
- Too often we split duties rather than share them.
- The news cycle is 24/7.
- Economic models of legacy media companies aren't always FOSS compatible. (Good news: There are other good journalism sites.)
- Technologists are afraid of interpretation, though interpretation is not bias.

# The journalism code community (aka “news nerds”)



Leading programming training with Code with me (photo/Pete Karl II)

[Get Involved With OpenNews](#)

## GET INVOLVED

The success of OpenNews depends on people like you! Join in:

- [Contribute to Source](#)
- [Work in Journalism](#)
- [Become a News Partner](#)

## MEET THE 2015 KNIGHT-MOZILLA FELLOWS



# What do news nerds *do*?



+



= ?

*Flickr - micora*

*Flickr - goincase*

# Free Software and Journalism

- Reporting tools
- Publishing tools
- Site optimization
- Engaging interactives

# Reporting tools - DocumentCloud



DocumentCloud  
the cloud <http://www.documentclo...> [opensource@document...](mailto:opensource@document...)

[Filters ▾](#)

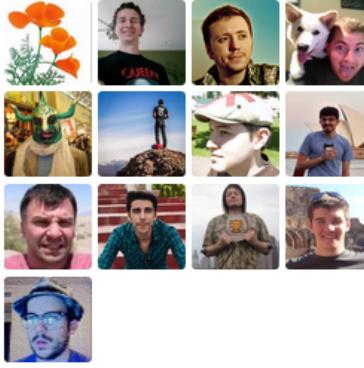
**visualsearch**  
A Rich Search Box for Real Data  
Updated 15 hours ago

JavaScript ★ 1,385 ⚡ 156

**documentcloud**  
The DocumentCloud platform  
Updated Thursday at 2:33 PM

JavaScript ★ 367 ⚡ 106

**Members** 13 >



A grid of 13 member profile pictures, each with a small thumbnail below it.



BACKBONE.JS

# Reporting tools - Overview Project

The screenshot shows a news article from the Fusion website. At the top, there's a navigation bar with links for NEWS, POP & CULTURE, JUSTICE, REAL FUTURE, VOICES, SEX & LIFE, MORE, SHOWS, and a search icon. The main image is a close-up of a person in a military uniform with an American flag in the background. The title "INVESTIGATIONS" is in small capital letters at the top left of the image. The main headline reads "Another way the Army can deny justice to victims of sexual assault". Below the headline, it says "by Alissa Figueroa and Fusion Investigative Unit". There are navigation arrows on either side of the main image. At the bottom of the image, there are "SHARE" and "TWEET" buttons. To the left of the text, there are two circular profile pictures: one of a woman and one of the Fusion logo. The text below the images discusses sexual assault statistics and the challenges faced by victims. To the right of the main image, there's an advertisement for a Samsung Galaxy S6 edge smartphone.

FUSION

NEWS POP & CULTURE JUSTICE REAL FUTURE VOICES SEX & LIFE MORE SHOWS

INVESTIGATIONS

## Another way the Army can deny justice to victims of sexual assault

by Alissa Figueroa and Fusion Investigative Unit

November 6, 2014

SHARE TWEET

The Pentagon estimated that 26,000 service members were sexually assaulted in 2012. But often, the sexual assault is just the beginning of the ordeal. Soldiers and advocates say many victims face retribution, unfair discharges and questionable psychological diagnoses. And now, a Fusion investigation has found that the one place

ADVERTISEMENT

SAMSUNG

SIX APPEAL  
Galaxy S6 edge

A vertical advertisement for the Samsung Galaxy S6 edge. It features the phone's curved screen and the text "SIX APPEAL Galaxy S6 edge".

# Publishing Tools - The Guardian

sign in   subscribe   search   jobs   US edition ▾

**the guardian**  
Winner of the Pulitzer prize

US world opinion sports soccer tech arts lifestyle fashion business travel environment science   all sections

**headlines**  
Thursday  
19 March 2015

Now 38°F 03:00 29°F | 06:00 29°F | 09:00 30°F Bronx

**Netanyahu retreats from ruling out Palestinian state**  
Israeli prime minister drops pre-election vow as Obama administration warns that relations have been seriously damaged  
Dear Mr Netanyahu: Sorry we dared to dream. Yours, Israel's Arabs



690 comments



**Homan Square / Chicago police commander resigns in wake of revelations**  
Politicians push DoJ to investigate secret police site

30 comments





**Man freed 39 years after death sentence is awarded \$1m in compensation**  
29 comments

**Brazil / Breastfeeding law would fine those who try to stop nursing moms**  
14 comments

# Publishing tools - Newscoop



The screenshot shows the official website for Newscoop. At the top, there's a navigation bar with links for Themes, Who's using, Manuals (with a PDF icon), Screenshots, FAQ, Download, GitHub (with a pull request icon), and Get help. Below the navigation is a large, dark-toned photograph of a laptop screen displaying a news CMS interface with multiple article thumbnails. Overlaid on this image is the text "BUILT BY JOURNALISTS FOR JOURNALISTS" in a large, bold, white font. Below this, a smaller text block reads: "Open source Sourcefabric Newscoop CMS is built with newsrooms in mind, to make your workflows easy." At the bottom of the image area are two call-to-action buttons: "Try the demo" with a blue play button icon and "See how it works" with a video camera icon.

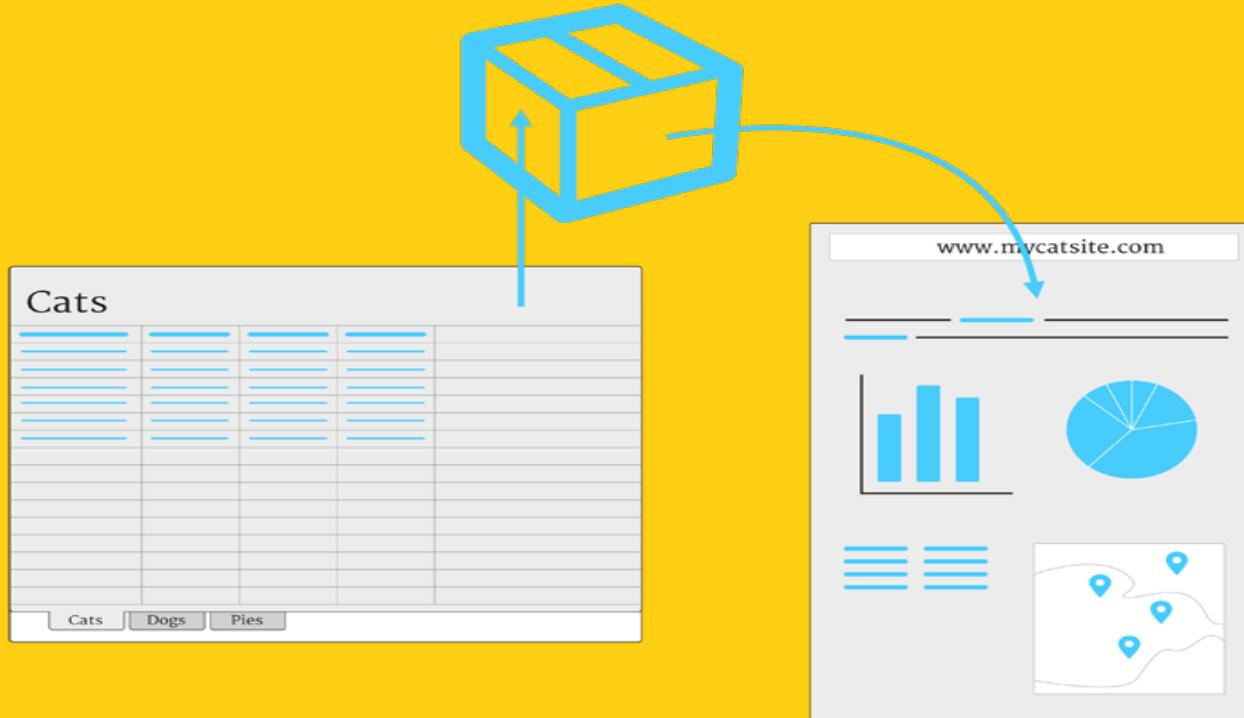
**BUILT BY JOURNALISTS FOR JOURNALISTS**

Open source Sourcefabric Newscoop CMS is built with newsrooms in mind, to make your workflows easy.

[Try the demo](#) [See how it works](#)

# Publishing tools - sheetsee.js

sheetsee.js



# Site optimization - PourOver

The New York Times

SUBSCRIBE NOW LOG IN

666 Looks All colors, All styles

Year | Color

Clear filters

Celebs/Designers

PICK A COLOR



CHOOSE A STYLE

All styles

Sleeveless	127
Sleeved	122
Strapless	152
Halter	37
One-shoulder	46
Princess	33
Mermaid	23
Trumpet	36
Men	123

Lady Gaga Martin Scorsese Bill Murray Brad Pitt and Angelina Jolie Gabourey Sidibe

Christian Bale and Sibi Blazic Brad Altman and George Takei Jeremy Renner Spike Lee Penélope Cruz



# Interactives - Losing Ground

**Losing Ground**

by Bob Marshall, The Lens, Brian Jacobs and Al Shaw, ProPublica, Aug. 28, 2014

In 50 years, most of southeastern Louisiana not protected by levees will be part of the Gulf of Mexico. The state is losing a football field of land every 48 minutes — 16 square miles a year — due to climate change, drilling and dredging for oil and gas, and levees on the Mississippi River. At risk: Nearly all of the nation's offshore oil and gas production, much of its seafood production, and millions of homes.

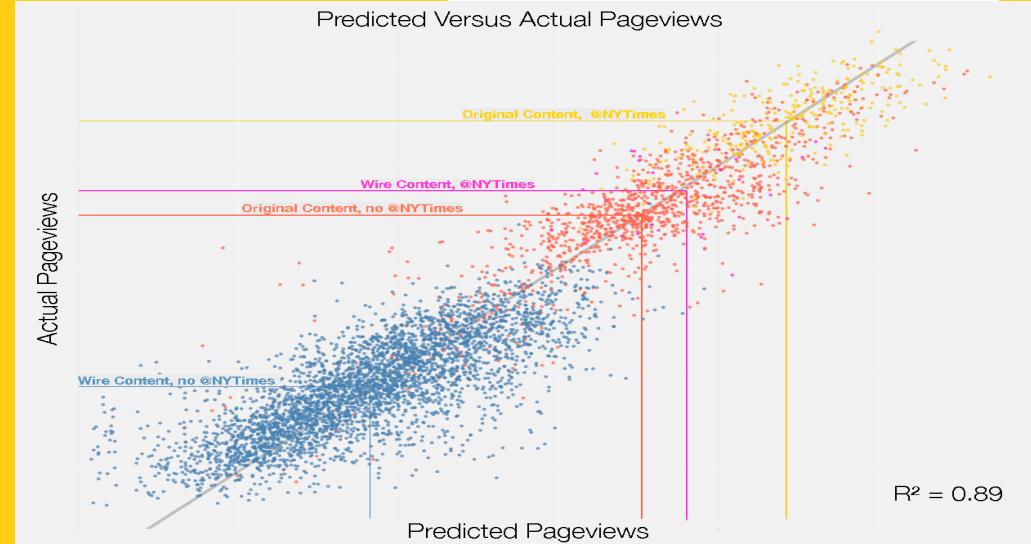
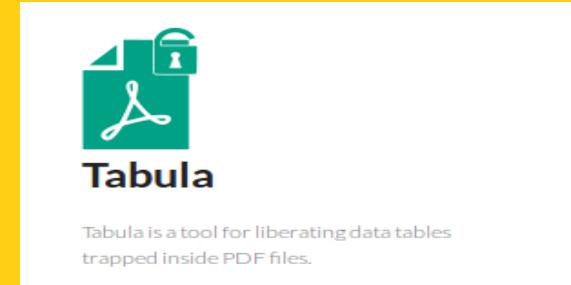
[EXPLORE THE COAST](#)

Source: NASA/USGS Landsat

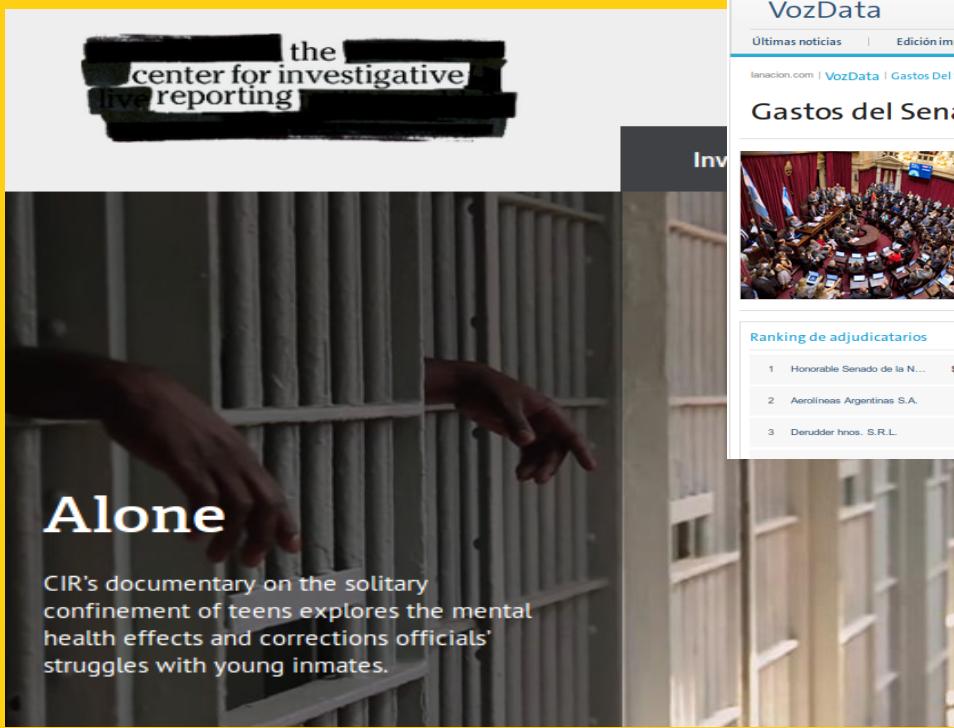
# News nerds solve problems through code



Photo: John Keefe



# News nerds work on challenging, important issues



lanacion.com  
VozData

Últimas noticias | Edición impresa | Blogs | LN Data | Servicios | Guía LA NACION

lanacion.com | VozData | Gastos Del Senado

Gastos del Senado

¡Muchas gracias a todos por colaborar en el primer proyecto de Vozdata! Ya completamos la primera etapa de 6657 documentos

Liberá un documento

... liberando 6657 de 6657 documentos

Ranking de adjudicatarios

Ranking	Adjudicatario	Monto
1	Honorable Senado de la N...	\$ 1.000.000,00
2	Aerolineas Argentinas S.A.	\$ 1.000.000,00
3	Derudder hnos. S.R.L.	\$ 1.000.000,00

SD

# SECUREDROP

# **Free as in Freedom**

Yellr-server - AGPLv3

Yellr App - GPLv2

Contributed Content - CC-BY-SA by default

Available on F-Droid Marketplace (soon!)

# Developer Friendly

API with JSON endpoints

Documentation and Specifications on repo

Best of Breed Python Technologies

- Pyramid Web Framework
- SQLAlchemy ORM

# Respects your Privacy

Anonymous by default

- No login required
- UUID(4) is the only identifying information, and can be regenerated client-side with a single click
- logs purged daily, with the goal of hourly after alpha release

# **Geo and Language Centric**

Geofenced assignments and content streams

Filtered by Language (English and Español)

# Community Driven Content

Slashdot/Reddit style upvoting and downvoting

yellr-server includes a moderator utility for post approval process, to minimize noise

# Respects your Privacy

Uses periodic https checks for new assignments, rather than using Google Push Services

Client-side latitude/longitude obfuscation (Dispersion Technique) to reduce metadata matching

# **Yellr Tech demo**

**PlayStore Download:**



**Website:**

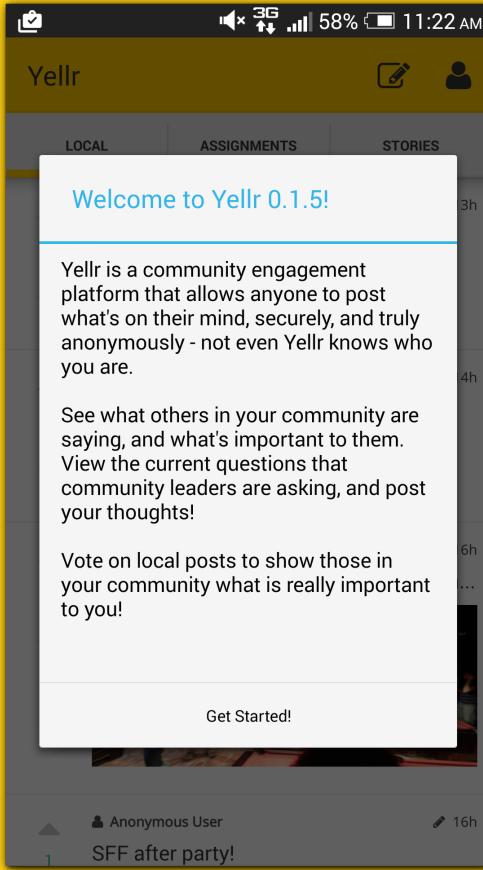
<http://yellr.net>

**Server Source:**

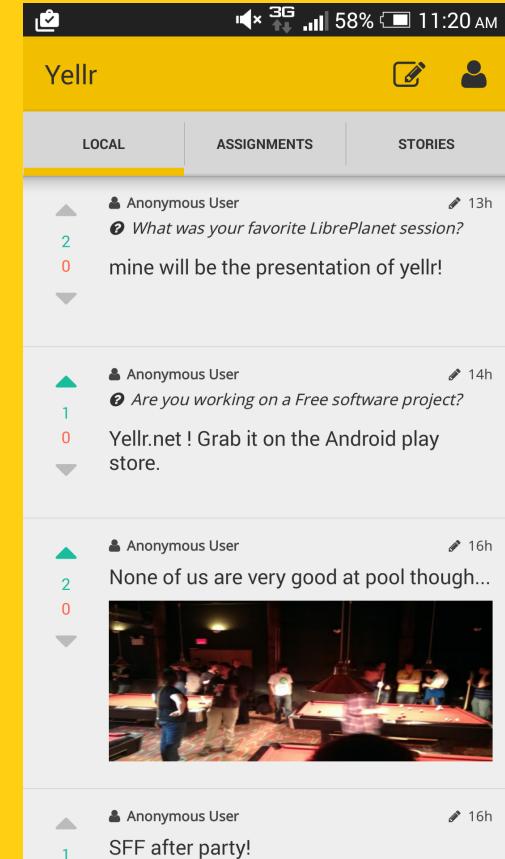
<http://github.com/hhroc/yellr-server>

**Client Source:**

<http://github.com/hhroc/yellr-android>



First time boot message assists users in understanding the technology, and it's purpose.



Local feed of posts are shown to users, and they can up-vote/down-vote to voice their opinion further.

Web page does... Nolski readme i... B GNU social and... LibrePlanet 201... Yelir Moderator x Massachusetts ... The Boston Globe Construction to ... +

### New Assignment

Question:  
What do you think of the new casino being built in Springfield, Massachusetts?

Description:  
The new MGM casino which the Massachusetts Gaming Board awarded a license last year will begin being built is expected to open in 2017. Tell us what you think about it!

Select Language  
English

Question Type  
Free Text

Add Question

Create Assignment Write Article

Raw Feed All Contributors

Assignments Collections Messages

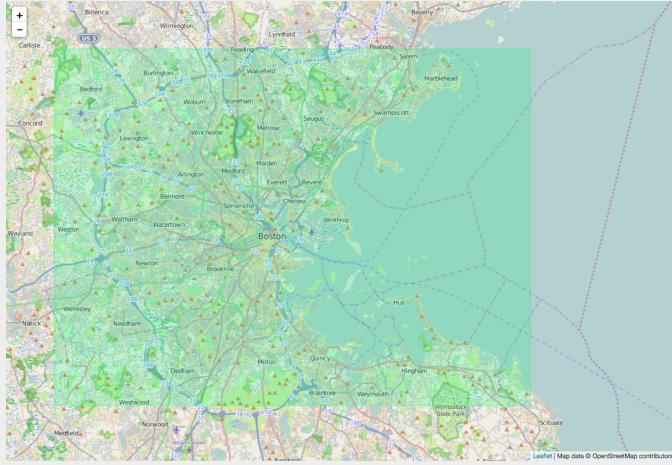
Settings Logout

Create questions to ask a community (Multiple Language Support).

Web page does... Nolski readme i... B GNU social and... LibrePlanet 201... Yelir Moderator x Massachusetts ... The Boston Globe Construction to ... +

### New Assignment

Create Geofence  
Draw Fence

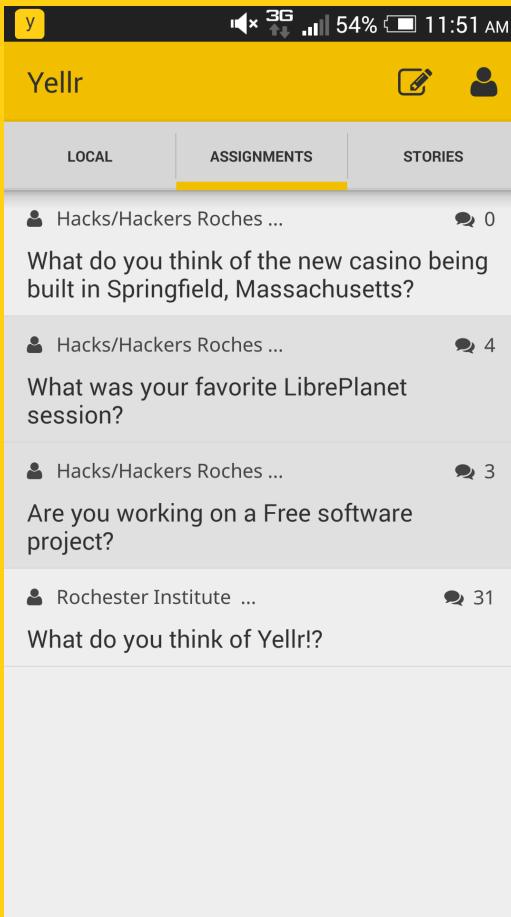


Map data © OpenStreetMap contributors

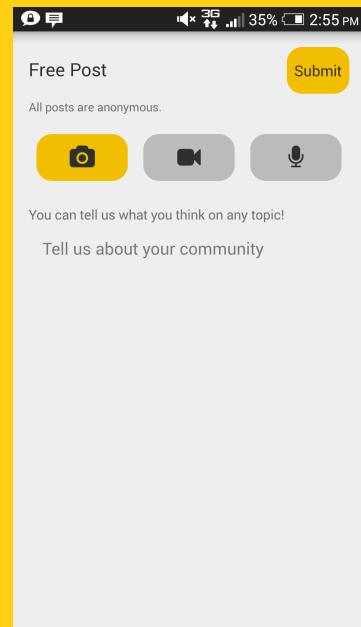
Initiate Create Assignment  
Build Add Questions  
Locate GeoFence

PUBLISH

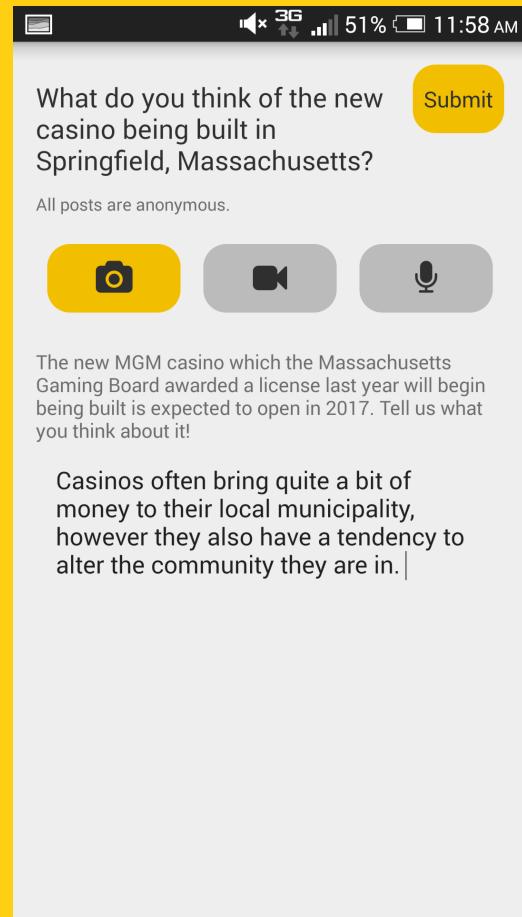
Apply a Geofence for the question, where only users within fence area can view the assignment.



Users receives notification of new assignment in the assignments list



Users can respond to the specific questions, or post freely about any topic.



The screenshot shows the Yellr Moderator interface. At the top, there are three tabs: "Yellr Moderator", "LibrePlanet 2015 – Sessions", and "version control - How can I ...". Below the tabs, the title "Massachusetts First Casino" is displayed. On the left sidebar, there are buttons for "Create Assignment", "Write Article", "Raw Feed", "All Contributors", "Assignments", "Collections", "Messages", "Settings", and "Logout". The main content area shows two posts from the "Yellr" section:

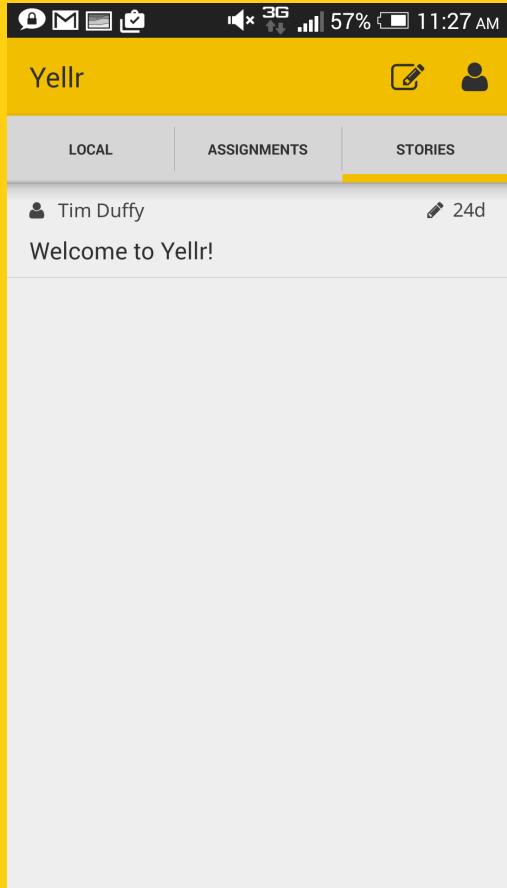
- Post 1:** "Casinos often bring quite a bit of money to their local municipality, however they also have a tendency to alter the community they are in." (Assignment: Massachusetts First Casino, posted an hour ago). It has a yellow star icon.
- Post 2:** "I am not a fan. My uncle had a terrible gambling problem. We should drive economy in a way that doesn't exploit our citizens." (Assignment: Massachusetts First Casino, posted an hour ago). It has a yellow star icon.

New responses show up and are approved on Moderator site, and can be approved to be shown within the user local feeds.

The screenshot shows a user's local feed in the Yellr app. The top status bar indicates signal strength, battery level (50%), and time (12:03 PM). The feed interface includes a search bar, a filter dropdown set to "All", and icons for edit and profile.

The feed is divided into sections: LOCAL, ASSIGNMENTS, and STORIES. The LOCAL section contains the following items:

- Anonymous User** (Just now): "What do you think of the new casino being built in Springfield, Massachusetts?" (1 upvote, 0 downvotes)
- Anonymous User** (Just now): "Casinos often bring quite a bit of money to their local municipality, however they also have a tendency to alter the community they are in." (0 upvotes, 0 downvotes)
- Anonymous User** (Just now): "I am not a fan. My uncle had a terrible gambling problem. We should drive economy in a way that doesn't exploit our citizens." (2 upvotes, 0 downvotes)
- Anonymous User** (1h): "Just got my first Yellr story notification!" (2 upvotes, 0 downvotes)
- Anonymous User** (13h): "What was your favorite LibrePlanet session?" (0 upvotes, 0 downvotes)



Stories written using community submitted content are shown on the device.

These stories show up as notifications, and can be read within the app.

A screenshot of a story from the Yellr app. The header shows the back arrow and the word "Yellr". The story title is "Welcome to Yellr!" and it was posted by Tim Duffy 24 days ago. The main content of the story is "Yellr - Community Engagement App". Below the content, there's a note: "Yellr is a joint venture between lots of organizations, including WXXI, Hacks/Hackers Rochester, and INN and the Knight Foundation". To the right of the text, there are logos for WXXI (blue and yellow text), Hacks/Hackers Rochester (black square with white 'H' and 'rochester' text), and INN (blue square with white 'INN' and 'INVESTIGATIVE NEWS NETWORK' text).

# Thank You!

Organizers, Staff, Volunteers, Speakers,  
Sponsors, and Free Software Contributors!



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