Bots that Toot and Tweet and Riot

Goal

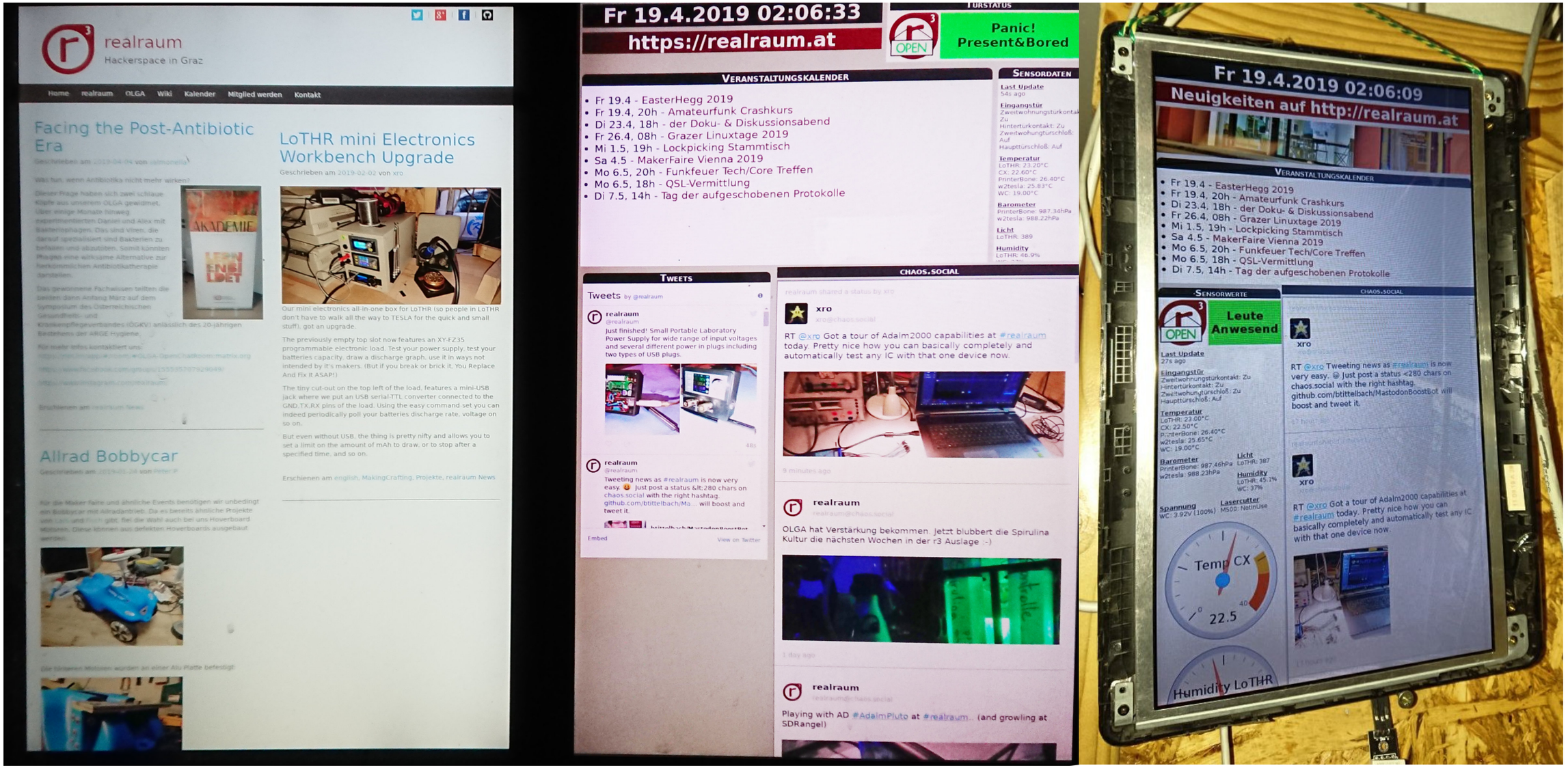
Enable Hackerspace Members to show

- pictures of ongoing/finished projects
- the kind of stuff being worked on
  and the onteressts prevalent in space
- Events and Space-News

Display Tidbits on

- Kiosk in and outside Hackerspace
- Website
- Social media
- IRC & Matrix

Kiosk


realraum
Hackerspace in Graz
Home realraum OLGA Wiki Kalender Mitglied werden Kontakt
Facing the Post-Antibiotic Era
LoTHR mini Electronics Workbench Upgrade
Allrad Bobbycar
Fr 19.4.2019 02:06:33
https://realraum.at
Türstatus
Panic!
Present&Bored
Veranstaltungskalender
Fr 19.4 - EasterHegg 2019
Fr 19.4, 20h - Amateurfunk Crashkurs
Di 23.4, 18h - der Doku- & Diskussionsabend
Fr 26.4, 08h - Grazer Linuxtage 2019
Mi 1.5, 19h - Lockpicking Stammtisch
Sa 4.5 - MakerFaire Vienna 2019
Mo 6.5, 20h - Funkfeuer Tech/Core Treffen
Mo 6.5, 18h - QSL-Vermittlung
Di 7.5, 14h - Tag der aufgeschobenen Protokolle
Sensordaten
Tweets
chaos.social
Fr 19.4.2019 02:06:09
Neuigkeiten auf http://realraum.at
Sensorwerte
Leute Anwesend
Temp CX
Humidity LoTHR

Use-Case different from existing channels

- Blog: long in-depth articles
- Wiki: Documentation
- Maillinglists: Discussions, Announcements and "offical" Stuff
- Matrix & IRC: day 2 day chat and collaboration

Easiest Way?

- Mastodon chaos.social (with CC to Twitter)
- one news account for everyone to follow

easily post via

- Matrix (already being used on Desktop and Mobile)
- Mastadon Webinterface (Browser already open)
- Mastodon Apps (lot's of choices)

Software

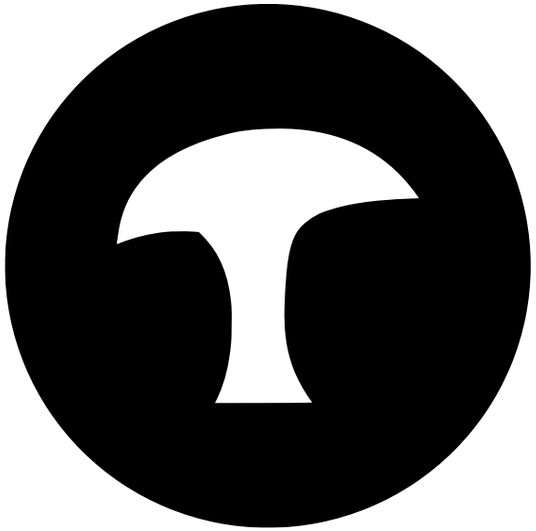
- MastodonBoostBot
  github.com/btittelbach/MastodonBoostbot
  (it's like tootSuite)
- mycete
  github.com/qbit/mycete
- Javascript & HTML

MastodonBoostBot

- Reblogs status postings
  - of accounts it is following (realraum members)
  - if a certain hashtag is used (#realraum)
- Forwards status postings to twitter

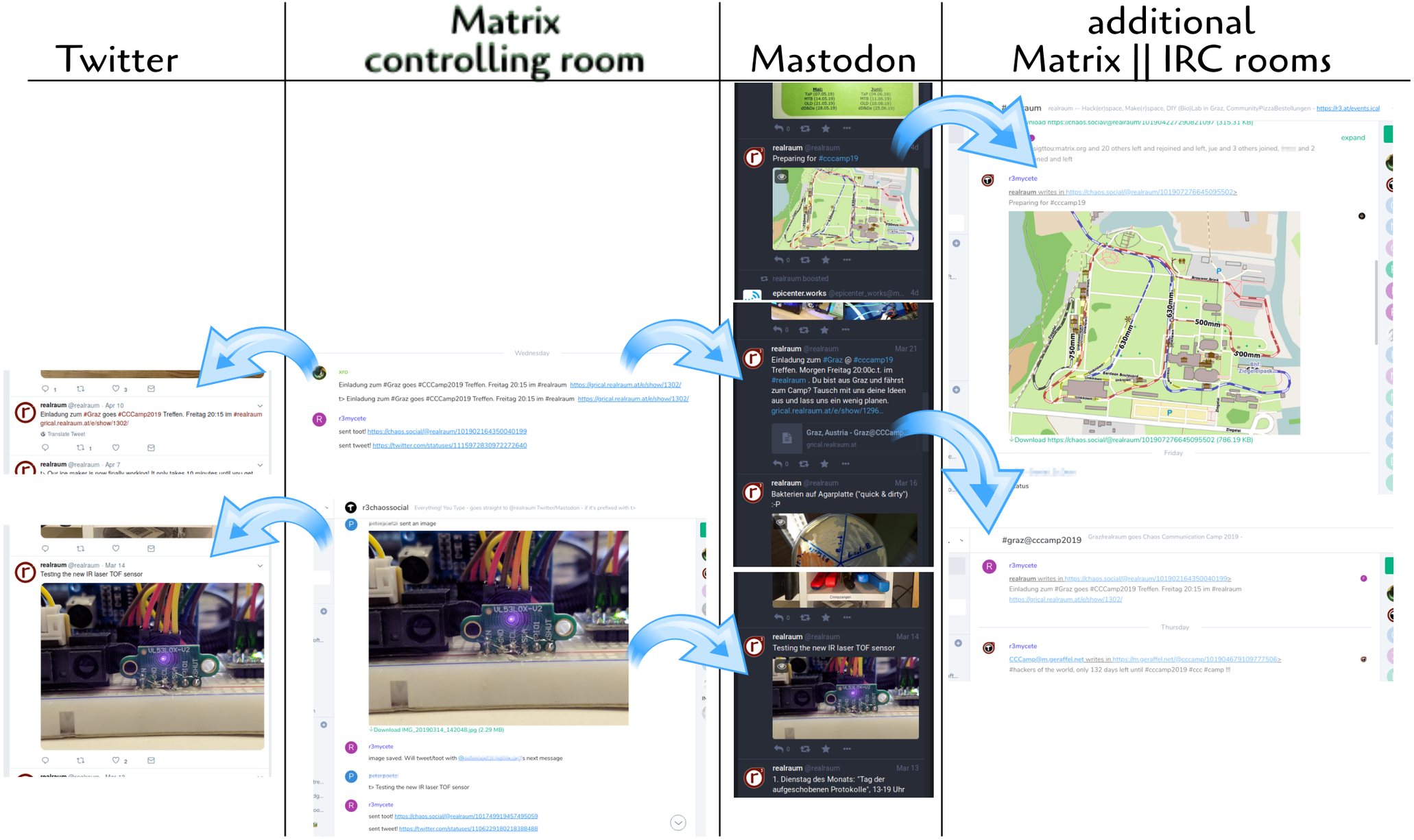
MastodonBoostBot Flow

Mycete



- controlled from an (invite only) matrix room
  - can directly post to Twitter and Mastodon
  - can upload of up to 4 images per status
  - can boost / favourite Toots
  - can retweet / favorite Tweets
  - can deletes toots, tweets, reblogs, etc when when matrix msg is redacted
- subscribes home+stream and optional hashtag-streams
  - filters according to poster, following, sensitivity hashtag, etc
  - notifies a set of matrix rooms with status

Mycete Flow


Twitter
Matrix
controlling room
Mastodon
additional
Matrix || IRC rooms
realraum @realraum · Apr 10
Einladung zum #Graz goes #CCCamp2019 Treffen. Freitag 20:15 im #realraum
grical.realraum.at/e/show/1302/
realraum @realraum · Apr 7
realraum @realraum · Mar 14
Testing the new IR laser TOF sensor
Wednesday
xro
Einladung zum #Graz goes #CCCamp2019 Treffen. Freitag 20:15 im #realraum https://grical.realraum.at/e/show/1302/
t> Einladung zum #Graz goes #CCCamp2019 Treffen. Freitag 20:15 im #realraum https://grical.realraum.at/e/show/1302/
r3mycete
sent toot! https://chaos.social/@realraum/101902164350040199
sent tweet! https://twitter.com/statuses/1115972830972272640
r3chaossocial Everything! You Type - goes straight to @realraum Twitter/Mastodon - if it's prefixed with t>
sent an image
Download IMG_20190314_142048.jpg (2.29 MB)
r3mycete
image saved. Will tweet/toot with 's next message
t> Testing the new IR laser TOF sensor
r3mycete
sent toot! https://chaos.social/@realraum/101749919457495059
sent tweet! https://twitter.com/statuses/1106229180218388488
realraum @realraum
Preparing for #cccamp19
realraum boosted
epicenter.works @epicenter_works@m... 4d
realraum @realraum Mar 21
Einladung zum #Graz @ #cccamp19
Treffen. Morgen Freitag 20:00c.t. im
#realraum . Du bist aus Graz und fährst
zum Camp? Tausch mit uns deine Ideen
aus und lass uns ein wenig planen.
grical.realraum.at/e/show/1296...
Graz, Austria - Graz@CCCamp
grical.realraum.at
realraum @realraum Mar 16
Bakterien auf Agarplatte ("quick & dirty")
:-P
realraum @realraum Mar 14
Testing the new IR laser TOF sensor
realraum @realraum Mar 13
1. Dienstag des Monats: "Tag der
aufgeschobenen Protokolle", 13-19 Uhr
realraum -- Hack(er)space, Make(r)space, DIY (Bio)Lab in Graz, CommunityPizzaBestellungen - https://r3.at/events.ical
expand
r3mycete
realraum writes in https://chaos.social/@realraum/101907276645095502>
Preparing for #cccamp19
Download https://chaos.social/@realraum/101907276645095502 (786.19 KB)
Friday
#graz@cccamp2019 Graz/realraum goes Chaos Communication Camp 2019 -
r3mycete
realraum writes in https://chaos.social/@realraum/101902164350040199>
Einladung zum #Graz goes #CCCamp2019 Treffen. Freitag 20:15 im #realraum
https://grical.realraum.at/e/show/1302/
Thursday
r3mycete
CCCamp@m.geraffel.net writes in https://m.geraffel.net/@cccamp/101904679109777506>
#hackers of the world, only 132 days left until #cccamp2019 #ccc #camp !!!

The Source

Mycete:

github.com/qbit/mycete

MastodonBoostBot:

github.com/btittelbach/MastodonBoostbot