

Build Your Own Timeline Algorithm

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FOSDEM, 1 Feb 2025

<https://fosstodon.org/@mala>

<https://github.com/aittalam/byota>

BYOTA is not...

- a new algorithm
- an end-user application
- a service

BYOTA is... a (pacifist) call for arms



I need you, you, you

How it started

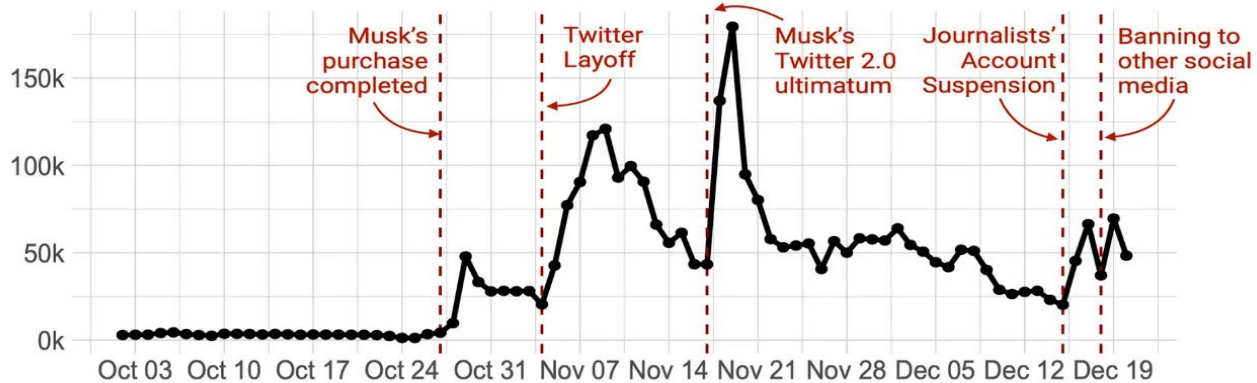


October 26 2022

#TwitterMigration

New mastodon accounts (daily)

Data from @mastodonusercount@bitcoinhackers.org



Six months earlier...

☰ **CNN Business** Markets Tech Media Calculators Videos

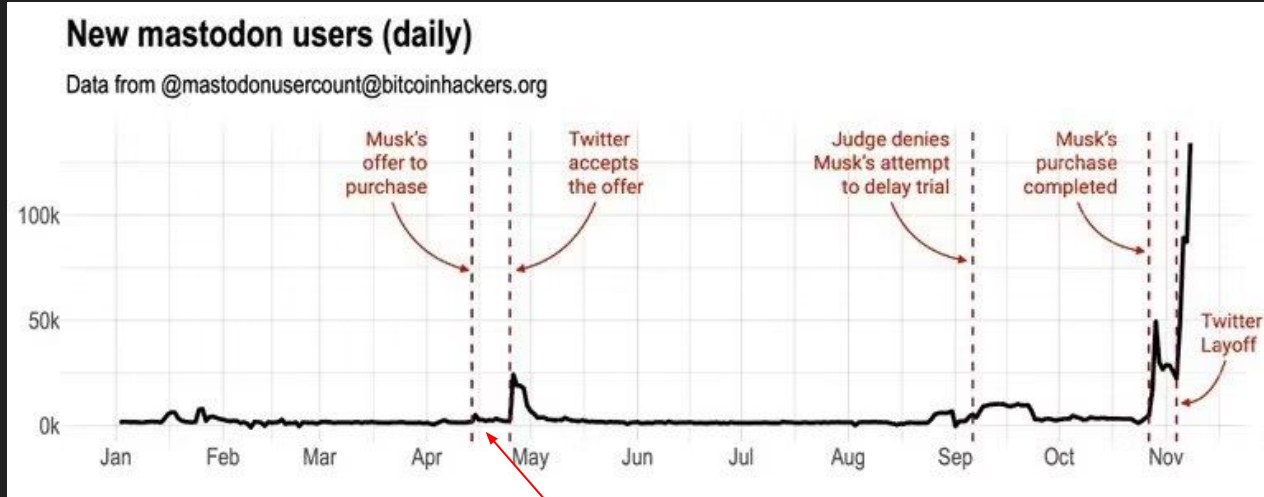
Elon Musk to buy Twitter in \$44 billion deal

 By [Clare Duffy](#), CNN Business
🕒 5 minute read · Updated 8:44 PM EDT, Mon April 25, 2022



#MyMigration

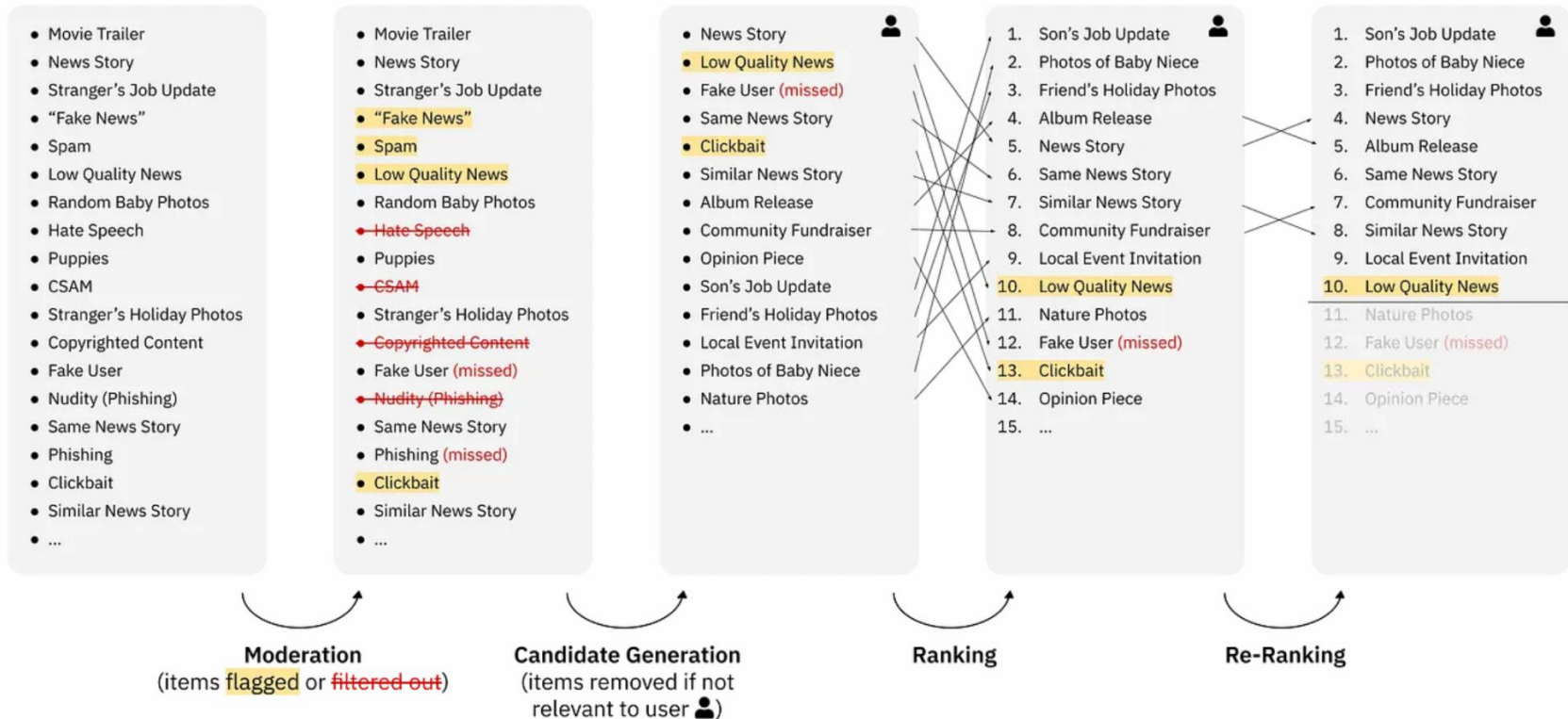


Timeline algorithms

Timeline Algorithms

Define *whether* and *how* posts appear on your timeline

Algorithm	Remove?	How
Revchron	No	Sort by datetime in ascending order
Spam / Bots	Yes	Remove post if spam / bot
Moderation	Yes/No	Remove / Downrank if post is abusive
Recommender	No	Uprank if post is more likely to receive engagement



On the shoulders of giants



Fedi-Feed

Philip Kreißel



Ex-Searchtodon

Formerly: Private Timeline Search for Mastodon

Jan Lehnardt

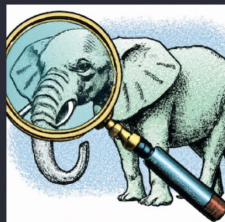
Tootfinder

Opt-in global Mastodon full text search. [Join the index!](#)

Full text search on Mastodon

Imagine searching any post on Mastodon. This is now possible - at least for the posts of users who opt in.

Tootfinder indexes all public posts of consenting users and makes them searchable for 3 months. If you want to be part of it, [join the index](#).



Matthias Bürcher

Mastodon Digest

Sourced from your timeline over the past 12 hours

Here are some popular posts you may have missed:

Matt Hodges



fediview

Plus 

Adam Hill

Problems of timeline algorithms

Choose one or more of:

- Biased
- Not transparent
- Complete lack of control
- Not privacy preserving
- Huge computational cost
- Require deep ML knowledge
- Cannot be run locally

Also true for search & recommendations!

Breaking the assumptions

Choose one or more of:

- Biased → *Open, substitutable models*
- Not transparent → *Clear, simple methods*
- Complete lack of control → *Make code available / easy to run*
- Not privacy preserving → *Don't share personal data*
- Huge computational cost → *Use lighter models*
- Require deep ML knowledge → *Out-of-the-box embeddings*
- Cannot be run locally → *Build it so it runs locally :-)*

Also true for search & recommendations! → *All the above work here too!*

BYOTA

Architecture



Getting data from my Mastodon account...

3.57 iter/s · Total time 11.2s 40 / 40

Enter a post id or some free-form text to find the most similar posts:

local_id	text
int32	object
	unique: 3
	nulls: 0
102	787
422	Software development is political. Software will shape t...
745	Did you know that an FSF associate membership funds t...
413	Did you know that an FSF associate membership funds t...
787	#ThankGNU! to Adarsh Melethil, David Bruce, Deborah Ja...
102	#ThankGNU! to Adarsh Melethil, David Bruce, Deborah Ja...

5 rows, 2 columns Page 1 of 1 Download

id	text
int64	object
	unique: 4
	nulls: 0
1.1e17	1.1e17
182	113420501365488432

Assigning your copyright to the FSF helps defend the GPL and keep software free. Thanks to Kristofer Hjelmtorp, Christopher Floess, and Seyed Sajad Kahani for assigning their copyright to the FSF! #GCC #Emacs More: <https://u.fsf.org/3ht> #CopyrightAssignments



Llamafile

- Single-file ~~LLMs~~ language models
 - [sentence-transformers/all-MiniLM-L6-v2](#) ([code/papers](#), [training data](#))
- 100% local
- Optimized to run on slower hardware
- Used to calculate *status embeddings*

marimo

- Reactive notebook for Python
- Sharable as an app
- Runs in your browser as a WASM-powered standalone HTML file! 🤖😄

Configuration

Mastodon Credentials

Login: Password:

Timelines

Home Local Public

Hashtag List

Embeddings

Embedding server URL

Caching

Run in offline mode

Clear Submit

1 auth_form

```
1 # check for anything invalid in the form
2 no.stop(invalid_form(auth_form),
3         no.md("**Submit the form to continue.**"))
4
5 # login (and break if that does not work)
6 mastodon_client = byota_mastodon.login(client_cred_filename,
7                                       access_token_filename,
8                                       auth_form.value.get("login"),
9                                       auth_form.value.get("pw")
10                                      )
11
12 no.stop(mastodon_client is None,
13         no.md("**Authentication error.**"))
14
15 # instantiate an embedding service (and break if it does not work)
16 embedding_service = llamafile_embedding_service(
17     auth_form.value["emb_llamafile_get"])
18
19 no.stop(
20     not embedding_service.is_working(),
21     no.md("**Cannot access llamafile embedding server.**"),
22     )
23
24 # collect the names of the timelines we want to download from
25 timelines = []
26 for k in timelines_dict.keys():
27     if auth_form.value[k]:
28         tl_string = timelines_dict[k]
29         if tl_string in ["tag", "list"]:
30             tl_string += "/" + auth_form.value["k_cx"]
31         timelines.append(tl_string)
32
33 # set offline mode
34 offline_mode = auth_form.value["offline_mode"]
```

Getting data from my Mastodon account...

1 # Getting data from my Mastodon account...

```
1 paginated_data = build_cache_paginated_data(mastodon_client,
2                                              timelines,
3                                              cached_timelines,
4                                              paginated_data_file)
5 no.stop(paginated_data is None, no.md("**Issues connecting to Mastodon**"))
6
7 dataframes = build_cache_dataframes(paginated_data,
8                                     cached_dataframes,
9                                     dataframes_data_file)
10
11 no.stop(paginated_data is None, no.md("**Issues connecting to Mastodon**"))
```

Loading cached paginated data from dump_paginated_data.pkl
Loading cached dataframes from dump_dataframes.pkl

My timeline(s)

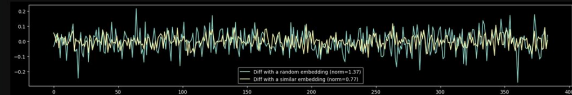
```
1 # My timeline(s)
2
3 # calculate embeddings
4 embeddings = build_cache_embeddings(embedding_service,
5                                     dataframes,
6                                     cached_embeddings,
7                                     embeddings_data_file)
```

Loading cached embeddings from dump_embeddings.pkl

```
1 import numpy as np
2
3 def tsmc(dataframes, embeddings, perplexity, random_state=42):
4     """Time series matrix construction using TSMC on the input embeddings.
5     Returns dataframes containing status id, text, and 2D coordinates
6     for plotting.
7     """
8     tsmc = TSMC(n_components=2, random_state=random_state, perplexity=perplexity)
9
10    all_embeddings = np.concatenate([v for v in embeddings.values()])
11    all_projections = tsmc.fit_transform(all_embeddings)
12
13    dfs = []
14    start_idx = 0
15    end_idx = 0
16    for kk in embeddings:
17        end_idx = len(embeddings[kk])
18        df = dataframes[kk]
19        df["x"] = all_projections[start_idx:end_idx, 0]
20        df["y"] = all_projections[start_idx:end_idx, 1]
21        df["label"] = kk
22        dfs.append(df)
23        start_idx = end_idx
24
25    return pd.concat(dfs, ignore_index=True), all_embeddings
26
27
28 df, all_embeddings = tsmc(dataframes, embeddings, perplexity=16)
29
30 chart = moul.altair.Chart(
31     alt.Chart(df, title="Timeline Visualization", height=500)
32     .mark_point()
33     .encode(
34         x="x",
35         y="y",
36         color="label"
37     )
38 )
```



```
1 no.vstack(
2     [
3         chart,
4         chart.value["id", "label", "text"] if len(chart.value) > 0 else chart.value,
5     ]
6 )
```



Timeline re-ranking

User statuses

Number of pages to load Exclude reblogs

Timelines

home
 local
 public

Clear Submit

1 rerank_form

Account Statuses (replies=True, reblogs=True)

3.88 rows / Total time 1.28s

```
1 # check for anything invalid in the form
2 no.stop(rerank_form_value is None,
3         no.md("**Submit the form to continue.**"))
4
5 user_statuses = byota_mastodon.get_paginated_statuses(mastodon_client,
6                                                       max_pages=rerank_form.value["num_user_status_pages"],
7                                                       exclude_reblogs=rerank_form.value["exclude_reblogs"])
```

Loading page 1: max_id = None
Loading page 2: max_id = 113382684489266339
Loading page 3: max_id = 113771326246664274
Loading page 4: max_id = 113616597353386528
Loading page 5: max_id = 11339597778658885

Your statuses:

1 ## Your statuses:

id	text
113908197653027996	11317
113902515129118685	11317
113897274001215395	
11389253376229627	
113891337738640934	
11315246588713508	
113888764129851891	
11388644521948454	
113878029281968482	
11379023541496366	

Q 100 rows, 2 columns

Configuration

Mastodon Credentials

Login: Password:

Timelines

Home Local Public

Hashtag List

Embeddings

Embedding server URL

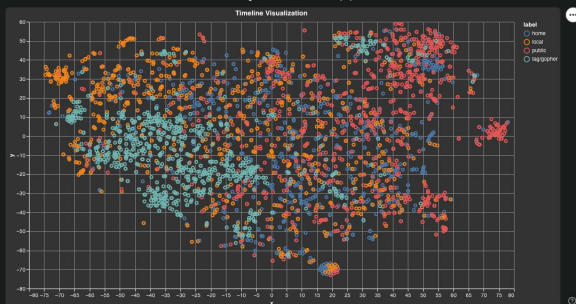
Caching

Run in offline mode

Clear

Getting data from my Mastodon account...

My timeline(s)



No results.

Q 0 rows, 5 columns Page 1 of 0

Timeline search

Enter a status id or some free-form text to find the most similar statuses:

label	object	unique	ratio
570	home	1	0
1161	local	4	0
1953	public	6	0
913	local	4	0
1154	local	4	0
2078	public	4	0

Q 6 rows, 2 columns Page 1 of 1

Timeline re-ranking

User statuses

Number of pages to load Exclude reblogs

Timelines

home
 local
 public

Clear

Account Statuses (replies=True, reblogs=True)



Your statuses:

id	label	object	unique	ratio
int64	text	object	100	0
1.1e17				
1.1e17				
113908197655027996				
113903251529118685				
113897276801215395				
113892533765229627				
113891337238640934				
111512465583713508				
113888764529851891				
113886445219348454				
113878029281968482				
113793023541496366				

Q 100 rows, 2 columns Page 1 of 10

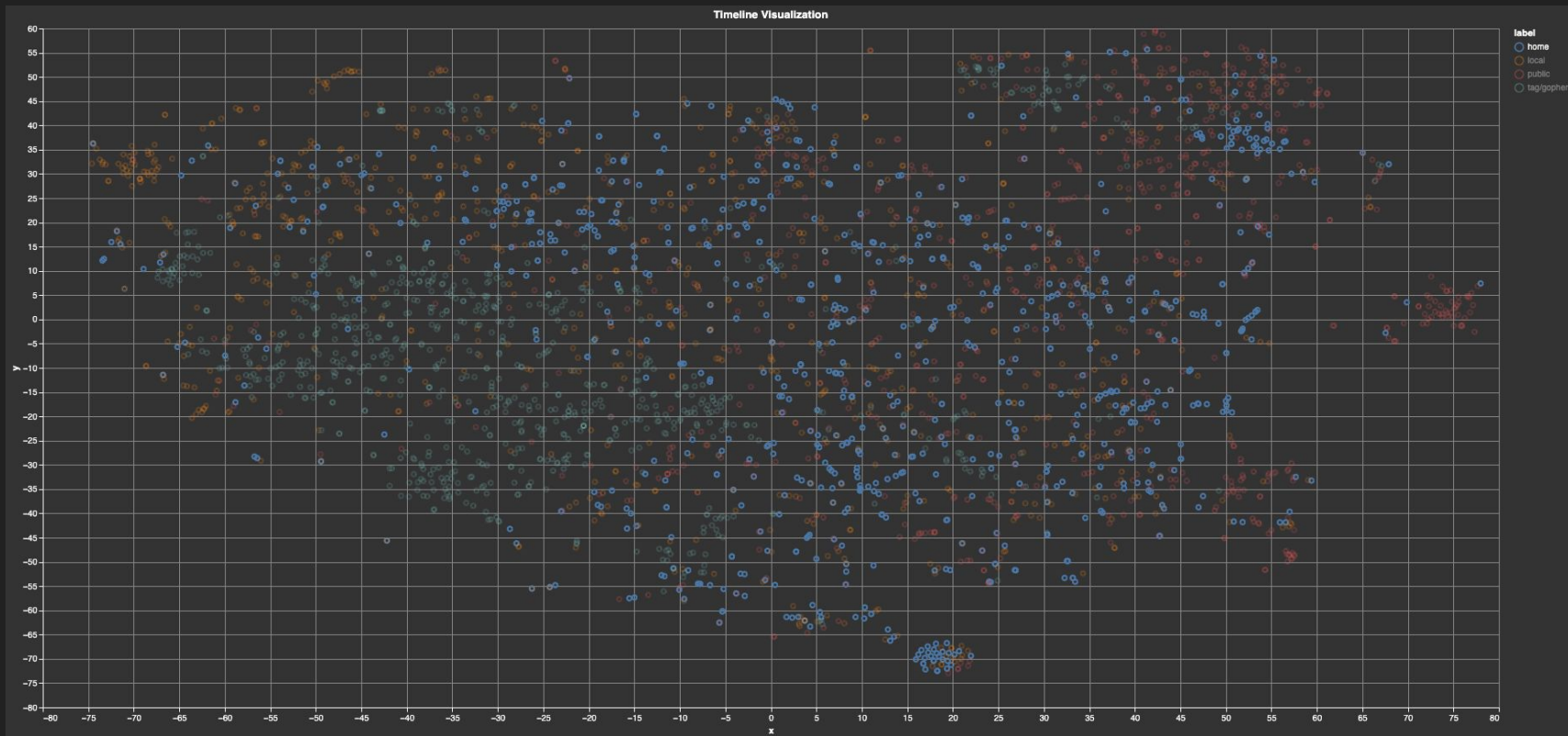
Your re-ranked timeline:

id	label	object	unique	ratio
663	public	object	790	0
388	public	object	790	0
770	public	object	790	0
168	public	object	790	0
62	public	object	790	0
756	public	object	790	0
691	public	object	790	0
576	public	object	790	0
182	public	object	790	0
620	public	object	790	0

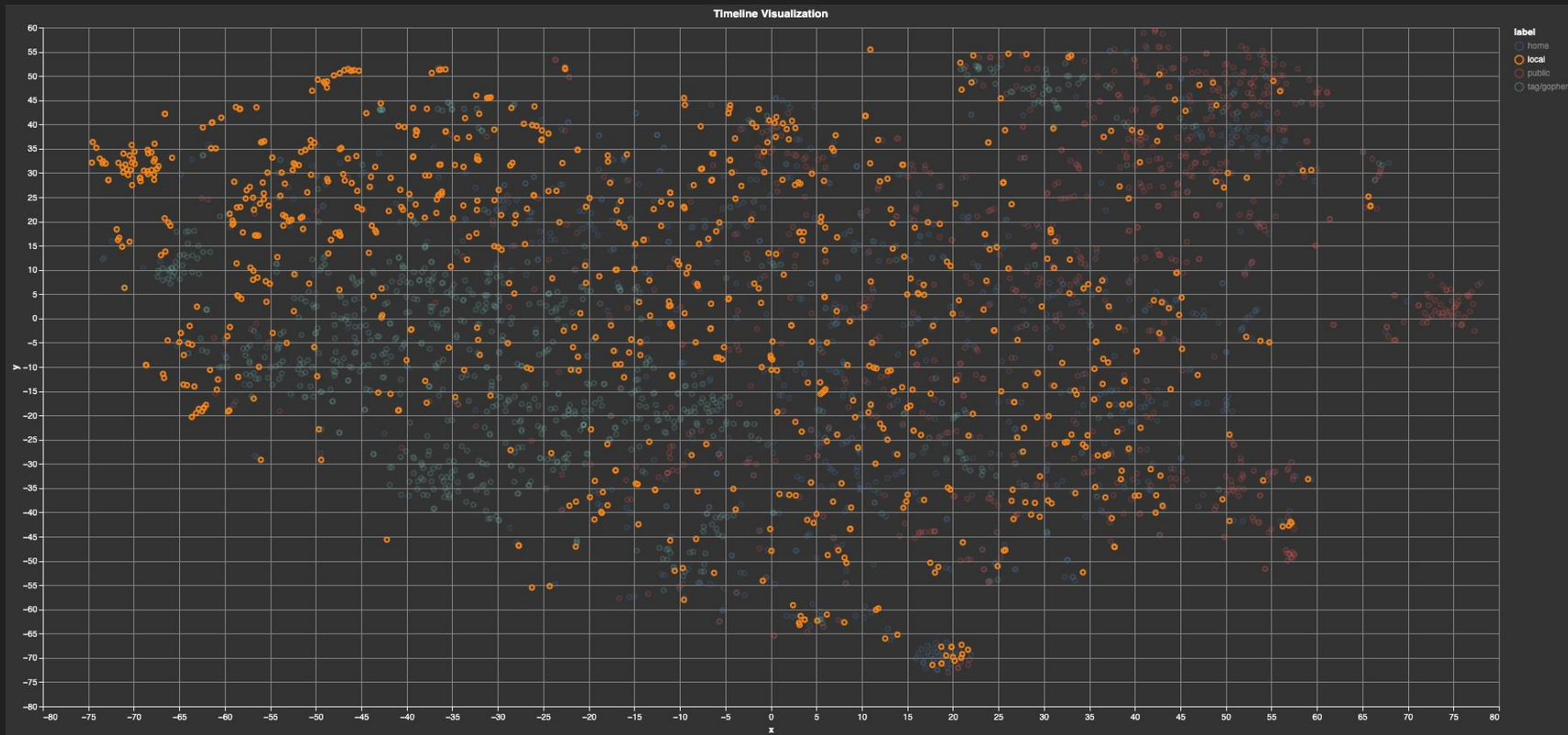
Q 800 rows, 2 columns Page 1 of 80

BYOTA in practice

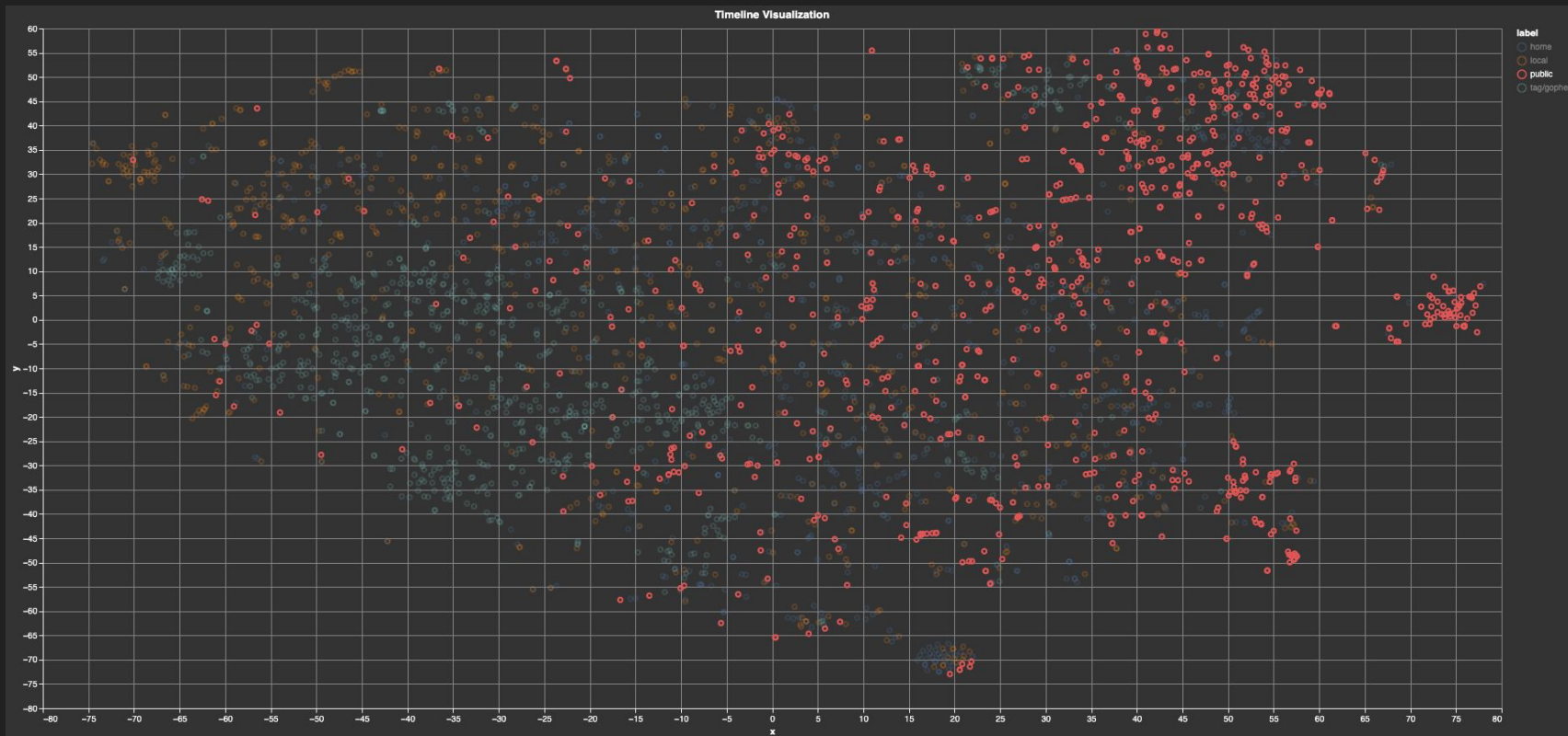
Embeddings visualization



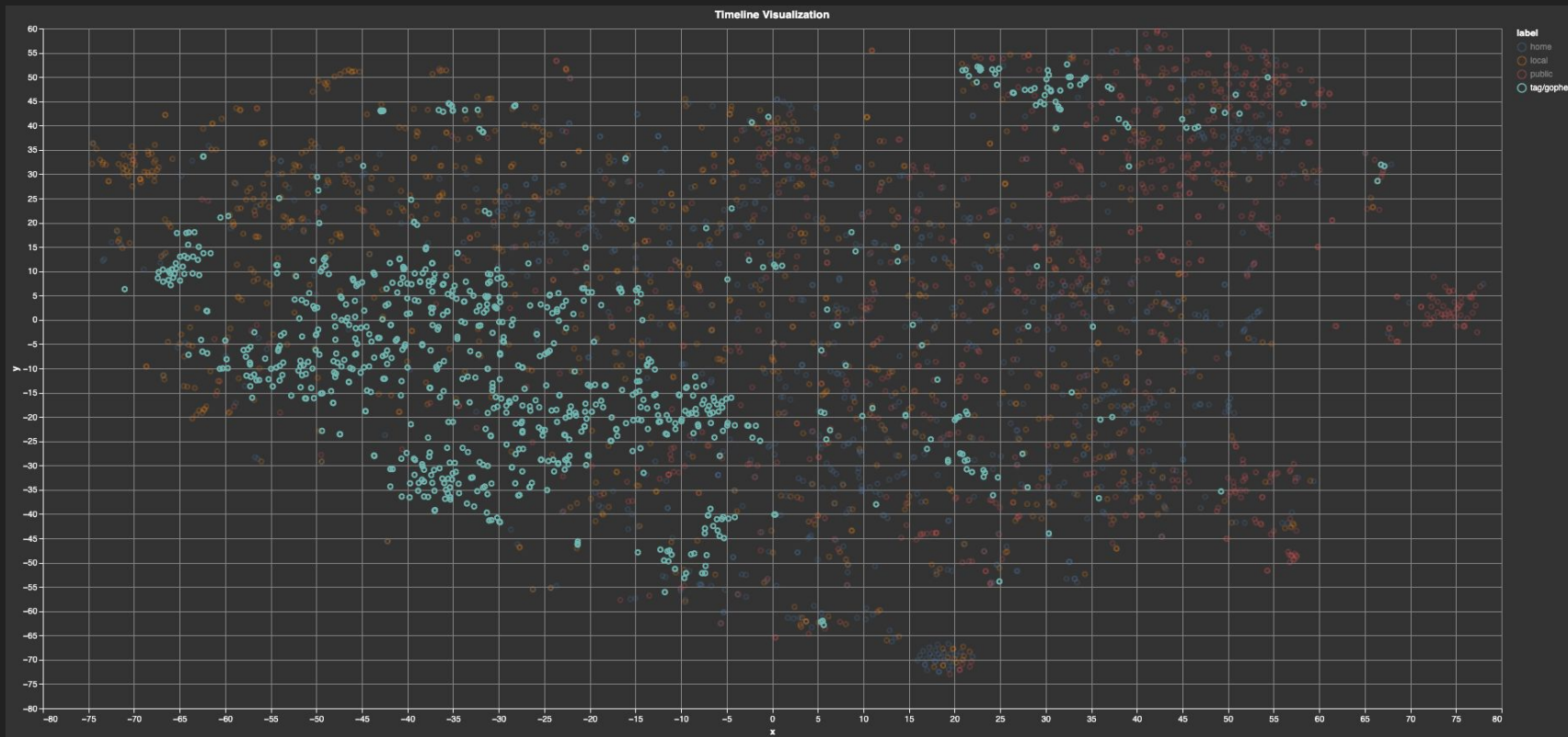
Embeddings visualization



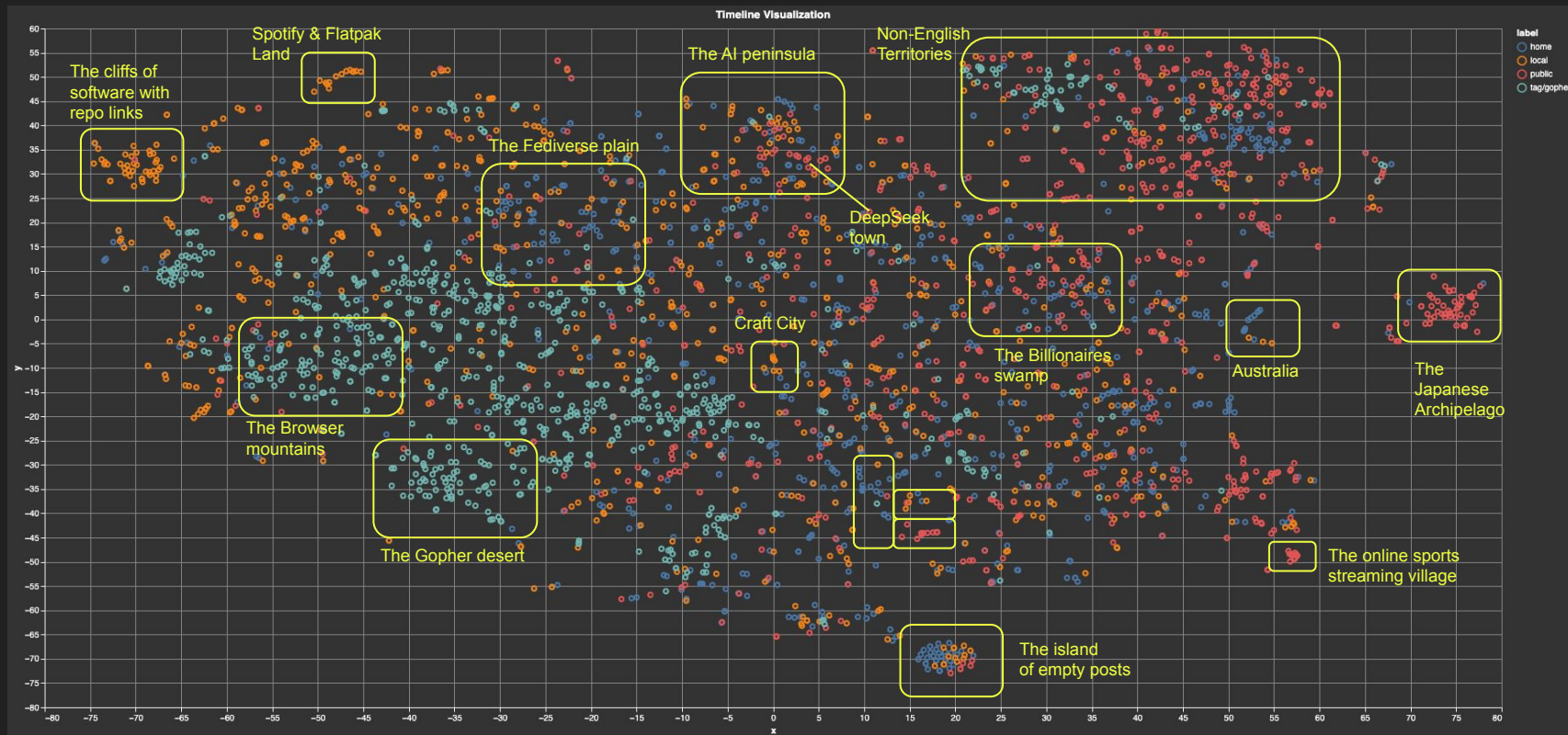
Embeddings visualization



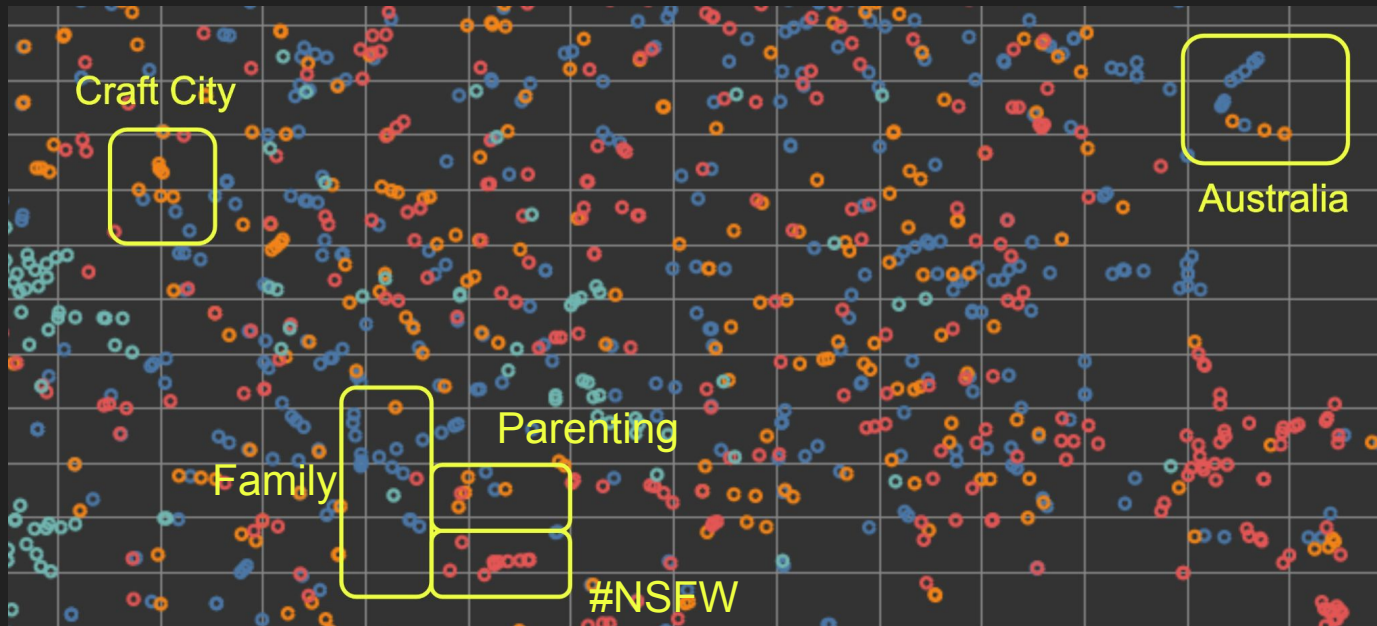
Embeddings visualization



Embeddings visualization



Embeddings visualization



Semantic search

Enter a status id or some free-form text to find the most similar statuses:

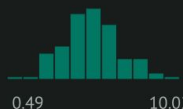
I am a fan of free software and everything opensource

	label	text
	object	object
	unique: 3 nulls: 0	unique: 6 nulls: 0
2116	public	Software Libre, alternativa para la independencia de Meta y garantía de la soberanía digital https://c
891	local	Visit #openSUSE this coming weekend for all things #opensource at #FOSDEM. Don't miss out. #ope
856	local	Best Cross-Platform Apps for #Linux, #Windows, and #Mac in 2025 https://www.tecmint.com/cross-p
1294	local	The Value of Open Source Software #
2969	tag/gopher	Por qué importa el software libre y las plataformas descentralizadas https://kolektiva.media/w/mRH
2968	tag/gopher	Por qué importa el software libre y las plataformas descentralizadas https://kolektiva.media/w/mRH

6 rows, 2 columns


Re-ranking

My own posts, re-ranked according to their similarity to posts in tag/gopher

text object unique: 165 nulls: 0	scores float64 
Now a mirror of my gopherhole follows me in my backpack 🐼 If you are in London and see this absolutely legit-looking	10.017789298854927
100 Days to Offload: gopher://gopher.3564020356.org:70/0/phlog/2024-08-25%20-%20100%20Days%20To%20Offload	9.388977332687345
#PicoGopher Part 4: the more we are, the funnier it is. Or where I describe how to serve a gopherhole via HTTP too and	9.309879033834498
"#PicoGopher Part 3: free bird", or where I associate my favorite song's name with happy memories again 🐼 Also preser	9.179926530874857
Long weekend project: gopher.3564020356.org on a Raspberry Pi 2 running #gophernicus 🐼 #gopher #gopherSpace #f	8.92240777182074
"#PicoGopher Part 6: here comes the sun", or where I harness the power of a flaming star to server gopherholes from a t	8.681910318120881
"#PicoGopher Part 5: take the power back", or where I regret not having named all of my previous posts with song name	8.569942657227559
#PicoGopher v1.0 is released! This version adds an HTTP endpoint and has been demoed on a super compact, albeit a t	8.521603108298287
PicoGopher: a Gopher server running on a Raspberry Pi Pico W - Introductiongopher://sdf.org:70/0/users/mala/phlog/20	8.447994723770723
Three pints gopher://gopher.3564020356.org:70/0/phlog/2022-07-30%20-%20Three%20pints#gopher #SmallWeb #phl	8.381271911499754

Re-ranking

My own posts, re-ranked according to their similarity to posts in tag/bookstodon

text	scores
object	float64
unique: 165	
nulls: 0	
I finished reading Attack Surface! https://craphound.com/category/attacksurface/ It's been quite a long read for me as I h	8.582060982004467
I just finished reading Morphotropic by @gregeganSF and I loved it!The way I learned about it was kinda serendipitous	8.370517741693204
I am reading Jenny Odell's "How to Do Nothing: Resisting the Attention Economy", and I am enjoying every part of it.I fo	7.0295605672082395
#AmReading #bookstodon #books Massimo Temporelli: "Noi siamo tecnologia" (We are are technology)	6.843671453732263
https://theeggandtherock.substack.com/p/i-wrote-a-story-for-a-friend(summarized by the author at https://twitter.com/	6.773434269466994
Weekend plan:- add Gemini support to #picogopher- build web sandbox for #ch35t- build a #brachiograph- finish readi	6.686088118230784
I am reading Dan Siegel's "Brainstorm: the power and purpose of the teenage brain"#AmReading #books #bookstodon	6.63319937708582
Just saw the Ada and Zangemann movie ❤️ It's so good! https://mastodon.social/@torproject/113415409732846132	6.216157186646772
@cubicgarden Hi Ian! I have been collecting some material for an event about +fravia and while looking for his 2004 t	6.108068603908014
Aaad completed 😊I enjoyed how Massimo wrote about different technologies which were particularly important for h	6.098345785452956

🔍 165 rows, 2 columns

What about performance?

From bert to llama, time to embed 800 statuses

Model Name	Architecture	Size	Params	2016 MB Pro		2024 M3 Max	
				llamafiler 0.9.0	ollama 0.5.7	llamafiler 0.9.0	ollama 0.5.7
all-MiniLM-L6-v2.F16	bert	46 MB	22.6M	52	42	21	11
nomic-embed-text-v1.5	nomic-bert	274MB	137M	280	302	26	15
mxbai-embed-large-v1-f16	bert	670MB	334M	586	715	35	24
e5-mistral-7b-instruct	llama	5GB	7.11B	-	-	193	126

How local is this?

- Embedding servers (llamafire, ollama) run locally

```
(base) mala@Davides-MacBook-Pro byota % curl http://localhost:11434/api/embed -d '{
  "model": "all-minilm",
  "input": "There is a crack in everything, that's how the light gets in"
}'
{"model": "all-minilm", "embeddings": [[-0.020688692, -0.044162404, 0.103413254, 0.054647904, 0.015244463, -0.06494531, 0.04424154, 0.025882239, 0.010728781, 0.05289739, 0.063623264, -0.018333575, -0.039952043, -0.010457686, 0.01835603, -0.014461786, -0.048471212, -0.10302953, -0.04449307, -0.033806648, 0.043435317, -0.05535696, -0.08392212, -0.069332235, -0.1140092, 0.094958186, -0.004860086, -0.035971902, 0.0064314394, -0.011037193, -0.0042981366, 0.057368666, -0.07753447, 0.058205567, 0.06930106, -0.029682364, 0.008502044, 0.009354028, 0.0283228, -0.06902948, -0.03418532, -0.067206554, -0.021176727, 0.016437624, 0.002215454, 0.036747105, 0.07724692, -0.015402062, 0.077265225, -0.054167006, -0.033349615, 0.020193053, 0.034084015, 0.061406456, 0.032288905, -0.040040996, 0.023521626, 0.02126329, 0.08615035, -0.061375607, 0.06355097, 0.04620808, 0.0041378327, 0.031874895, 0.114311315, -0.030882692, -0.038698573, -0.013728155, 0.024873884, -0.012341479, 0.04672664, 0.03756118, 0.010759333, -0.043871537, -0.011314235, -0.044753373, -0.06690473, -0.06965222, 0.04193043, 0.1315757, 0.017704383, -0.03661285, 0.012033759, 0.05674712, 0.07129007, 0.025094792, 0.07849084, -0.045343563, -0.06141006, -0.0020801648, -0.08567624, 0.011793135, -0.0596682, 0.018057982, 0.011267296, 0.0009373877, 0.022480756, -0.013365701, -0.037117377, 0.028427813, -0.017001763, 0.0011356488, 0.046418704, -0.020152528, 0.03514104, -0.07136514, 0.00035700458, 0.12824003, -0.0022463154, -0.0018500297, 0.06896258, -0.014172439, 0.08096553, 0.035695687, -0.013391483, -0.07353376, -0.022956979, 0.035261188, -0.11386469, 0.1013533, -0.0209097252, 0.030631319, -0.05699662, 0.04995545, -0.014374496, -0.06827453, 0.022101417, -5.79777e-33, 0.047753297, 0.010481634, 0.013510314, -0.06565448, -0.04959897, -0.019746777, -0.014892544, 0.032647777, -0.0370615, 0.031402756, 0.02753166, -0.036928885, -0.044419184, 0.017205695, 0.009339862, -0.024484064, 0.025361564, -0.007454156, -0.086544834, 0.021759672, -0.054570444, -0.03250337, 0.0267465, -0.023788553, -0.0429258, 0.08550657, 0.0030403528, -0.029352954, -0.0028268015, 0.008470148, -0.060643297, 0.14131382, 0.022634849, 0.06030029, -0.02347907, 0.038513415, 0.07336358, 0.023913588, -0.10735695, -0.020961767, -0.15948609, -0.009127056, 0.06648866, 0.043618027, 0.0303683, 0.03637972, -0.024620412, 0.03369837, -0.024581097, 0.028490027, -0.006795191, -0.042151425, -0.04695509, 0.011976727, -0.0019522137, 0.06114577, 0.060792405, -0.02162295, 0.009280819, 0.036745682, 0.03309684, -0.009520336, 0.002621163, 0.02847645, 0.030024678, -0.01093194, -0.013517996, 0.04346806, -0.00074209954, 0.006243889, -0.0798012, -0.035463694, -0.0044531957, 0.051712632, -0.06932025, -0.006013705, -0.050425116, 0.0027645791, -0.
```

How local is this?

- Marimo wasm runs in your browser

Downloaded data:

Status	Method	Domain	File	Initiator	Type	Transferred	Size
200	GET	test-files.pythonhosted.org	marimo_base-0.10.17-py3-none-any.whl	/:10 (fetch)	octet-stream	cached	666.91 kB
200	GET	files.pythonhosted.org	Markdown-3.6-py3-none-any.whl	/:10 (fetch)	octet-stream	cached	105.38 kB
200	GET	cdn.jsdelivr.net	narwhals-1.10.0-py3-none-any.whl	/:10 (fetch)	wasm	cached	1.12 MB
200	GET	files.pythonhosted.org	pymdown_extensions-10.8.1-py3-none-any.whl	/:10 (fetch)	octet-stream	cached	250.83 kB
200	GET	cdn.jsdelivr.net	PyYAML-6.0.2-cp312-cp312-pyodide_2024_0_wasm32.whl	/:10 (fetch)	wasm	cached	502.84 kB
200	GET	cdn.jsdelivr.net	altair-5.4.1-py3-none-any.whl	fetch	wasm	cached	5.45 MB
200	GET	cdn.jsdelivr.net	typing_extensions-4.11.0-py3-none-any.whl	fetch	wasm	31.83 kB (raced)	140.47 kB
200	GET	cdn.jsdelivr.net	Jinja2-3.1.3-py3-none-any.whl	fetch	wasm	111.43 kB (raced)	494.18 kB
200	GET	cdn.jsdelivr.net	MarkupSafe-2.1.5-cp312-cp312-pyodide_2024_0_wasm32.whl	fetch	wasm	cached	31.67 kB
200	GET	cdn.jsdelivr.net	jsonschema-4.21.1-py3-none-any.whl	fetch	wasm	cached	279.58 kB

...

Status	Method	Domain	File	Initiator	Type	Transferred	Size	0 ms
200	POST	fosstodon.org	apps	/:10 (xhr)	json	1.55 kB	444 B	
200	POST	localhost:8080	embedding	/:10 (xhr)	json	5.49 kB	5.20 kB	
200	GET	fosstodon.org	/api/v1/instance/	/:10 (xhr)	json	3.84 kB	6.47 kB	
200	POST	fosstodon.org	token	/:10 (xhr)	json	1.71 kB	141 B	
304	GET	fosstodon.org	/api/v1/instance/	/:10 (xhr)	json	cached	6.47 kB	
200	OPTIONS	fosstodon.org	/api/v1/instance/	xhr	plain	672 B	0 B	
200	GET	fosstodon.org	home	/:10 (xhr)	json	18.25 kB	125.05 kB	
200	OPTIONS	fosstodon.org	home	xhr	plain	672 B	0 B	
GET	GET	fosstodon.org	home?max_id=113889573242074676	/:10 (xhr)				
OPTIONS	OPTIONS	fosstodon.org	home?max_id=113889573242074676	xhr				

...

Status	Method	Domain	File	Initiator	Type	Transferred	Size	0 ms
200	GET	fosstodon.org	home?max_id=113880828320214162	/:10 (xhr)	json	20.25 kB	110.35 kB	
200	OPTIONS	fosstodon.org	home?max_id=113880828320214162	xhr	plain	672 B	0 B	
200	GET	fosstodon.org	home?max_id=113880364682334614	/:10 (xhr)	json	21.34 kB	112.50 kB	
200	OPTIONS	fosstodon.org	home?max_id=113880364682334614	xhr	plain	672 B	0 B	
200	GET	fosstodon.org	home?max_id=113880249393565733	/:10 (xhr)	json	1.17 kB	2 B	
200	OPTIONS	fosstodon.org	home?max_id=113880249393565733	xhr	plain	672 B	0 B	
200	POST	localhost:8080	embedding	/:10 (xhr)	json	5.47 kB	5.18 kB	
200	POST	localhost:8080	embedding	/:10 (xhr)	json	5.47 kB	5.18 kB	
200	POST	localhost:8080	embedding	/:10 (xhr)	json	5.49 kB	5.20 kB	
POST	POST	localhost:8080	embedding	/:10 (xhr)				

What next?

Next steps

- Grow as a tool where people can experiment with timeline algorithms
- Model comparison
- New approaches (e.g. clustering, classification)
- Protocols, not platforms

Thank you!

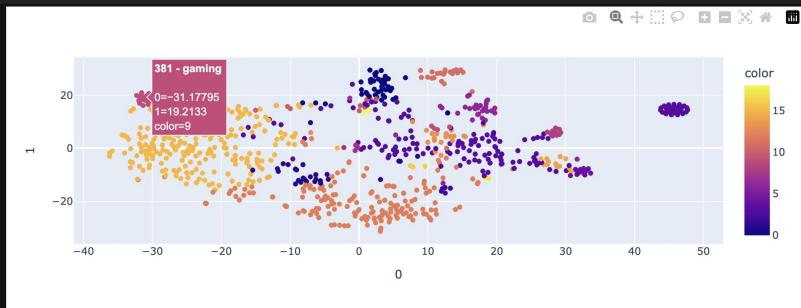
<https://fosstodon.org/@mala>

<https://github.com/aittalam/byota>

Modular

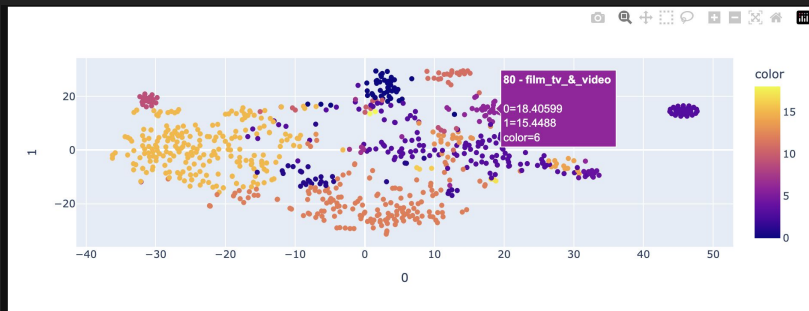
cardiffnlp/tweet-topic-base-multilingual

robertastodon



```
from scipy import spatial***
```

113886398592689487:Okay that's it! 🎮 I'm done with the first release version of my pixel 2D platformer game .blobcattired: - 9 unique levels- 50 cats to rescue- 9 achievements & 10 leaderboards- 4 enemy types- over 50 different enemies-ground- & wall sliding- loads more!Also no in-app purchases, no ads, no tracking and free in all stores *It's gonna take a bit for review, I submitted them at the same time. Let's make it a race :apple_inc: :google:
1138865684572726@vga256 @rek hey vga! It just so happens that we released a version of Oquonie that runs on that tiny little virtual machine with the hope that it will allow the game to live on! It's playable on near everything with a screen and a d-pad.Have fun with Turxy :uxn: <https://hundredrabbits.itch.io/oquonie>
113888689487472937:Sono arrivate le mie copie di Squeaky, il nuovo gioco della linea fluffy.Per ora i disegni di questa linea di giochi family sono tutti miei.Ho dato un'occhiata alle regole della modalità di gioco base e nel video provo a sintetizzarle. Spero di aver capito bene e non aver detto della sciocchezza.GatoonGames David Spada #tartaman1 #tartaac celerato #squeaky #giochidatavolo #sociattoli #arraffonhttps://youtu.be/dk0RYewckV0?si=Bg1LSu0Dzcy3Vp0
113890782677157519:I made crossroad logic. Now I can make more interesting tracks designs.Some update under-the-hood.Cu rrently 3198 bytes#ASM #GameDev #MSDOS
113888400837563608:I'm still working on the game editor for my Amiga game called #TheGate .I've started today to work on the script editor, it's the window on the right and it's a bit horrible right now, but it's a starter.The idea is to fill the left column with the available commands and to use the right column for the script editing.I'm unsure if I've to add styled text (for the keywords) or not... maybe I'll add it at a later point if really needed.Btw, yes, the project is still active! :amiga: 🍌



```
from scipy import spatial***
```

113890179350397455:56.4 percent of my external viewers on YouTube come from Mastodon.12.9 percent are from Bluesky,5.1 percent are from Facebook.This is where it's at! 🍌❤️
113883393289219428:I first heard about the #CriterionChallenge on here yesterday. Now I've put my list together for 2025 - <https://blog.tomasino.org/criterion-challenge-2025/> So many movies to see!
113882416617046810:🎬 officially entering pre-production for my video series about the #Diverse 🙏THANK YOU for encouraging me to do this. It feels really energizing ❤️I'm often thinking about this brilliant quote by filmmaker Ava DuVernay: "If your dream is only about you, it's too small."My dream / lofty goal: for everyone to know about the #Diverse and why / how to join it.Striving to create an easy to follow, persuasive video explainer.P.S.: I changed my bio 🙏 (I'm no longer a "filmmaker on hiatus")
113887011963722410:how have I never heard of this film until now <https://www.youtube.com/watch?v=vn0H5nJsy6Q#movies> #film
113887415867547783:"The film? Oh it's a fairly new film. Yeah it came out in... okay, it's 12 years old. It's not a very new film, actually."What the fuck is time, and can it stop please?