EXHIBIT TWENTY-EIGHT

Message

From: Stephen Roller [redacted]@meta.com]
Sent: 10/11/2022 5:20:26 AM
To: Stephen Roller [redacted]@meta.com]; Susan Zhang [redacted]@meta.com]
Subject: Message summary [{"otherUserFbId":100070718376446,"threadFbId":null}]
Attachments: 305120397_506911717622277_9041942588753669674_n.png; 310638732_3093333390887278_7289667035692107849_n.png; 297791594_604722194381123_1017391161456321441_n.jpg; 310239758_1089352645110073_5284522191493813166_n.png; 310111299_1239503173292656_3281664911865422051_n.png; 311016555_909760160007107_294764695492261209_n.png; 311243815_1804139106592931_189578587370442307_n.jpg

Stephen Roller (10/10/2022 05:37:10 PDT):
>I got a bad feeling about this week

Susan Zhang (10/10/2022 05:37:29 PDT):
>LOL

Susan Zhang (10/10/2022 05:37:49 PDT):
>why

Stephen Roller (10/10/2022 05:39:41 PDT):
>Idk

Stephen Roller (10/10/2022 05:39:45 PDT):
>Vibes are off

Stephen Roller (10/10/2022 05:40:01 PDT):

shared: http://www.facebook.com/1137995756844914 as 271448306_602179090841239_8805316237365277555_n.gif

Susan Zhang (10/10/2022 05:44:42 PDT):
>loooool

Susan Zhang (10/10/2022 08:48:10 PDT):
>oh hmm so giri seems happy that the xlmg 1T paper got into EMNLP or whatever

Stephen Roller (10/10/2022 08:50:29 PDT):
>uh oh

Susan Zhang (10/10/2022 08:51:25 PDT):
>lol whats up

Stephen Roller (10/10/2022 08:51:33 PDT):
>> susan unsent a message

Susan Zhang (10/10/2022 08:51:47 PDT):
>hahahah

Stephen Roller (10/10/2022 10:02:45 PDT):
>whats up with peter abel?

Susan Zhang (10/10/2022 10:29:33 PDT):
>albert?

Stephen Roller (10/10/2022 10:30:13 PDT):
>yeah

Susan Zhang (10/10/2022 10:35:26 PDT):
>edouard's cc is good?

Susan Zhang (10/10/2022 10:35:41 PDT):
>peter albert == eager bootcamper who wants to join

Stephen Roller (10/10/2022 10:36:00 PDT):

>yeah i like it

Stephen Roller (10/10/2022 10:36:12 PDT):
>it shows no disadvantages and there's a lot more of it

Stephen Roller (10/10/2022 10:36:37 PDT):
>i mean, it's about equal to all the other CC

Stephen Roller (10/10/2022 10:36:41 PDT):
>just... 2x bigger

Susan Zhang (10/10/2022 10:36:43 PDT):
>hahaha kk

Susan Zhang (10/10/2022 10:36:53 PDT):
>bigger after deduping and everything?

Susan Zhang (10/10/2022 10:36:58 PDT):
>i thought we were fixed at roughly about the same?

Stephen Roller (10/10/2022 10:36:59 PDT):
>yeah 2x is after deduping

Stephen Roller (10/10/2022 10:37:13 PDT):
>it'd be 3x without deduping

Stephen Roller (10/10/2022 10:37:23 PDT):
>i like how every time you've given me feedback you just say "be louder"

Susan Zhang (10/10/2022 10:37:28 PDT):
>hahahahahaha

Susan Zhang (10/10/2022 10:37:49 PDT):
>yes i wonder why.... :P

Stephen Roller (10/10/2022 10:43:26 PDT):
>we just discussed the number 2 rule of the ten compute commandments

Stephen Roller (10/10/2022 10:44:21 PDT):
>Number 2, never let 'em know your next move
>Don't you know Bad Engs move in silence and violence?

Susan Zhang (10/10/2022 10:45:14 PDT):
>LOL

Susan Zhang (10/10/2022 10:45:15 PDT):
>who's we?

Susan Zhang (10/10/2022 10:45:39 PDT):
>are we actually moving silently? i guess this whole review is silent

Stephen Roller (10/10/2022 10:46:02 PDT):

shared: 305120397_506911717622277_9041942588753669674_n.png

Susan Zhang (10/10/2022 10:47:01 PDT):
>ah we we

Susan Zhang (10/10/2022 10:47:06 PDT):
>looool

Susan Zhang (10/10/2022 10:47:48 PDT):
>alright mr silent - i'm too anxious and paranoid to rely on silence so... glad we balance out lol

Stephen Roller (10/10/2022 10:47:48 PDT):
>althought

Stephen Roller (10/10/2022 10:47:50 PDT):
>perhaps it's more like

Stephen Roller (10/10/2022 10:47:52 PDT):

shared: 310638732_3093333390887278_7289667035692107849_n.png

Susan Zhang (10/10/2022 10:48:18 PDT):
>hahahahha omg

Susan Zhang (10/10/2022 10:48:21 PDT):
>that should be our standup meme

Susan Zhang (10/10/2022 10:48:26 PDT):
>not this spooky ghoulish business

Stephen Roller (10/10/2022 10:52:28 PDT):
>i was really tempted to post this one but figured it'd be too close to home to be funny

Stephen Roller (10/10/2022 10:52:29 PDT):

shared: 297791594_604722194381123_1017391161456321441_n.jpg

Susan Zhang (10/10/2022 10:56:27 PDT):
>hahahahahahah

Susan Zhang (10/10/2022 10:56:30 PDT):
>;_;

Susan Zhang (10/10/2022 10:56:39 PDT):
>plz do omg

Susan Zhang (10/10/2022 10:59:19 PDT):
>guh

Susan Zhang (10/10/2022 10:59:22 PDT):
>i'm so tired of writing

Susan Zhang (10/10/2022 10:59:35 PDT):
>like squeezing toothpaste when there's so little left

Stephen Roller (10/10/2022 11:00:41 PDT):
>should start leveraging davinci-002 to do more of it for you

Susan Zhang (10/10/2022 11:06:50 PDT):
>LOL

Susan Zhang (10/10/2022 11:07:01 PDT):
>let open ai know about my social media campaign here

Susan Zhang (10/10/2022 11:07:03 PDT):
>;_;

Stephen Roller (10/10/2022 11:08:55 PDT):
>where are you?

Susan Zhang (10/10/2022 11:09:09 PDT):
>car dealership lmao

Stephen Roller (10/10/2022 12:14:02 PDT):
>you're in nyc next week?

Susan Zhang (10/10/2022 12:14:24 PDT):
>oh yea lol

Susan Zhang (10/10/2022 12:14:39 PDT):
>chaos over here

Stephen Roller (10/10/2022 12:14:47 PDT):
>in tx?

Susan Zhang (10/10/2022 12:14:53 PDT):
>yeah

Stephen Roller (10/10/2022 12:14:57 PDT):
>oh okay

Stephen Roller (10/10/2022 12:16:07 PDT):
>good luck

Susan Zhang (10/10/2022 12:18:13 PDT):
>what is this agenda

Susan Zhang (10/10/2022 12:18:16 PDT):
>for this xlformer meeting

Stephen Roller (10/10/2022 12:19:35 PDT):
>i have no idea, i haven't heard about it until 30 minutes ago

Susan Zhang (10/10/2022 12:19:49 PDT):
>lmao

Stephen Roller (10/10/2022 12:20:15 PDT):
>mary asked a nice q

Susan Zhang (10/10/2022 12:20:24 PDT):
>what was q

Stephen Roller (10/10/2022 12:20:43 PDT):

shared: 310239758_1089352645110073_5284522191493813166_n.png

Susan Zhang (10/10/2022 12:21:00 PDT):
>loool

Stephen Roller (10/10/2022 12:21:30 PDT):
>i think she's still got a mild bias towards us

Susan Zhang (10/10/2022 12:21:38 PDT):
>is this armand going around demanding they get their fair share in all the papers using their corpus lol

Stephen Roller (10/10/2022 12:21:49 PDT):
>seems to be ready to call some bullshit on emea or sth

Susan Zhang (10/10/2022 12:22:12 PDT):
>32k vocab lol

Stephen Roller (10/10/2022 12:22:39 PDT):
>i'm gonna suggest we use 64k

Stephen Roller (10/10/2022 12:22:48 PDT):
>trained on 250GB

Stephen Roller (10/10/2022 12:22:51 PDT):
>bc... i already did it

Susan Zhang (10/10/2022 12:23:30 PDT):
>hm. why 64k

Susan Zhang (10/10/2022 12:23:35 PDT):
>outside of you doing it lol

Susan Zhang (10/10/2022 12:23:48 PDT):
>how does multilingual, code/math/stuffs factor into this

Susan Zhang (10/10/2022 12:23:56 PDT):
>(i do think 256k is too big fwiw)

Stephen Roller (10/10/2022 12:23:59 PDT):
>that showed 97% overlap between folds at the 100GB mark. 256k was slow af

Susan Zhang (10/10/2022 12:24:17 PDT):
>eh overlap will be bigger with smaller vocab

Susan Zhang (10/10/2022 12:24:19 PDT):
>next reason?

Stephen Roller (10/10/2022 12:24:26 PDT):
>yeah i mean that's it lol

Stephen Roller (10/10/2022 12:24:42 PDT):
>was 93% vs 97% for 256k vs 64k

Susan Zhang (10/10/2022 12:24:51 PDT):
>😡

Stephen Roller (10/10/2022 12:25:24 PDT):
>the softmax doesn't get too expensive. i'd only seriously consider entertaining 128k if we were to go bigger

Stephen Roller (10/10/2022 12:27:21 PDT):
>inspecting it, i see tokens for whitespace corresponding to indentation

Susan Zhang (10/10/2022 12:28:01 PDT):
>yeah 128k seems good - doubling from before, not as insane as 256k

Susan Zhang (10/10/2022 12:28:10 PDT):
>#scalinglaws

Stephen Roller (10/10/2022 12:28:34 PDT):
>alright lemme train another

Stephen Roller (10/10/2022 12:28:47 PDT):
>we can always run the ablation... i've already launched the 64k run

Stephen Roller (10/10/2022 12:30:32 PDT):
>alright it's training. will be done in ~4 hours or so

Susan Zhang (10/10/2022 12:32:52 PDT):
>apparently guillaume has no idea what this meeting is about tmrw too

Stephen Roller (10/10/2022 12:33:56 PDT):
>Bringing people together to discuss common practice around sharing code, data & results. The common goal of both projects is to put FAIR (back?) on the map for training large scale LMs. Let's discuss on how to best do that.
>
>--Antoine

Stephen Roller (10/10/2022 12:36:11 PDT):
>sounds like antoine intervening about whatever complaints are bubbling up to him

Susan Zhang (10/10/2022 12:36:20 PDT):
>lol

Susan Zhang (10/10/2022 12:36:31 PDT):
>yeah i'm trying to parse the implication of that ^

Susan Zhang (10/10/2022 12:36:47 PDT):
>common goal now?

Susan Zhang (10/10/2022 12:36:52 PDT):
>then they should reorg into zetta

Susan Zhang (10/10/2022 12:36:57 PDT):
>you know, that org that antoine spun up for this

Susan Zhang (10/10/2022 12:37:33 PDT):
>but apparently others with common goals just expect us to build tools for them :P

Susan Zhang (10/10/2022 12:37:50 PDT):
>this is going to be a fun meeting

Stephen Roller (10/10/2022 12:59:32 PDT):
>tbh

Stephen Roller (10/10/2022 12:59:36 PDT):
>i think attrition is so bad

Stephen Roller (10/10/2022 12:59:46 PDT):
>they're just trying to stimmy resource complaints left and right

Susan Zhang (10/10/2022 13:00:04 PDT):
>i mean.. they woulld be doing the same even if there wasn't attrition

Susan Zhang (10/10/2022 13:08:52 PDT):
>i don't understand funding SIDE anymore lol

Susan Zhang (10/10/2022 13:08:57 PDT):
>like armand politics?

Stephen Roller (10/10/2022 13:10:01 PDT):
>idk

Susan Zhang (10/10/2022 13:10:31 PDT):
>like capacity allocation.. should be an antoine / joelle job

Susan Zhang (10/10/2022 13:10:34 PDT):
>but they've delegated

Stephen Roller (10/10/2022 13:12:13 PDT):
>but also seem to have impressed fears on the allocation group that we are use it or lose it

Susan Zhang (10/10/2022 13:12:16 PDT):
>and now these current leads are stuck fighting for their own interests and i'm not sure melanie is able to out-argue armand

Susan Zhang (10/10/2022 13:13:18 PDT):
>at least it seems antoine impressed upon guillaume that they will have to train on the RSC too

Stephen Roller (10/10/2022 13:13:32 PDT):
>lol

Stephen Roller (10/10/2022 13:13:35 PDT):
>i did say to melanie

Stephen Roller (10/10/2022 13:13:46 PDT):
>"wait a second, is the outcome of this gonna be we get the bad cluster and they get the good cluster?"

Stephen Roller (10/10/2022 13:14:00 PDT):
>and she said "well i want you all to stop thinking of it as bad and good clusters"

Susan Zhang (10/10/2022 13:14:02 PDT):
>nah multigen probably will get the good cluster

Stephen Roller (10/10/2022 13:14:04 PDT):
>but maybe she took the hint

Stephen Roller (10/10/2022 13:14:15 PDT):
>yeah i agree

Susan Zhang (10/10/2022 13:14:16 PDT):
>ah right. not good and bad

Susan Zhang (10/10/2022 13:14:19 PDT):
>insecure vs secure* clusteres

Susan Zhang (10/10/2022 13:14:24 PDT):
>

Stephen Roller (10/10/2022 13:14:41 PDT):
>tho

Stephen Roller (10/10/2022 13:14:45 PDT):
>with aws going to 80gb

Stephen Roller (10/10/2022 13:14:48 PDT):
>and their models so tiny

Stephen Roller (10/10/2022 13:15:04 PDT):
>not sure multigen is really the technically best workload for azure but

Susan Zhang (10/10/2022 13:15:08 PDT):
>lol

Stephen Roller (10/10/2022 13:15:09 PDT):
>i know that is irrelevant

Susan Zhang (10/10/2022 13:15:16 PDT):
>ahh these capacity leads

Stephen Roller (10/10/2022 13:15:27 PDT):
>also they're so I/O heavy and aws has better I/O...

Susan Zhang (10/10/2022 13:16:36 PDT):
>leave it to leads to make a capacity switch decision with "soft limits" -_-

Stephen Roller (10/10/2022 13:17:09 PDT):
>i mean idk

Stephen Roller (10/10/2022 13:17:25 PDT):
>maybe antoine and joelle are honest with themselves about having warring factions

Stephen Roller (10/10/2022 13:17:34 PDT):
>and instead of letting those warring factions solicit them directly

Stephen Roller (10/10/2022 13:17:45 PDT):
>they said cool let's just put the warring factions in a room and let them allocate

Susan Zhang (10/10/2022 13:18:03 PDT):
>wait what happened to my other 30b run

Susan Zhang (10/10/2022 13:18:13 PDT):
>did you want to get rid of it?

Stephen Roller (10/10/2022 13:18:21 PDT):
>no

Stephen Roller (10/10/2022 13:18:27 PDT):
>idk what happened to it

Susan Zhang (10/10/2022 13:18:27 PDT):
>weird

Stephen Roller (10/10/2022 13:18:39 PDT):
>do you happen to know the jobid

Susan Zhang (10/10/2022 13:18:47 PDT):
>221978

Stephen Roller (10/10/2022 13:19:13 PDT):
[redacted]

Stephen Roller (10/10/2022 13:19:15 PDT):
>slurm killed it?

Susan Zhang (10/10/2022 13:19:46 PDT):
>ah diana launched

Stephen Roller (10/10/2022 13:19:57 PDT):
>yeah but why didn't that requeue you?

Susan Zhang (10/10/2022 13:19:59 PDT):
>oh wait hm

Susan Zhang (10/10/2022 13:20:07 PDT):
>yeah what preempted it

Susan Zhang (10/10/2022 13:20:18 PDT):
>ah prolog failure kills

Susan Zhang (10/10/2022 13:20:20 PDT):
>forgot to mention lol

Stephen Roller (10/10/2022 13:20:48 PDT):
>why would prolog failure not requeue?

Susan Zhang (10/10/2022 13:21:03 PDT):
>hmm yeah not sure - i think there's a slurm config flag for that

Susan Zhang (10/10/2022 13:21:13 PDT):
>though it looksl ike it thinks it requeued so who knows

Susan Zhang (10/10/2022 13:22:49 PDT):
>so what's the total number of gpus i can subtract from to compute our schedulable nodes?

Stephen Roller (10/10/2022 13:22:53 PDT):
>can you run `scontrol show config` on rsc and pastebin me?

Susan Zhang (10/10/2022 13:23:18 PDT):
>null for requeue exit

Stephen Roller (10/10/2022 13:23:38 PDT):
>huh?

Susan Zhang (10/10/2022 13:24:14 PDT):
>the setting - i was looking at this with robert

Susan Zhang (10/10/2022 13:24:18 PDT):
>anyway yeah i'll paste

Susan Zhang (10/10/2022 13:24:40 PDT):
>slurm logs are only accessible via gpu machines right? on azure?

Stephen Roller (10/10/2022 13:26:07 PDT):
>ah i just still had a tail going of the slurm logs and i didn't mention it to anyone

Susan Zhang (10/10/2022 13:27:22 PDT):
>oh lol perm denied

Susan Zhang (10/10/2022 13:27:23 PDT):
>k whatever

Susan Zhang (10/10/2022 13:27:36 PDT):
>https://www.internalfb.com/phabricator/paste/view/[redacted]

Stephen Roller (10/10/2022 13:29:18 PDT):
>thx

Stephen Roller (10/10/2022 13:29:26 PDT):
>PrologFlags   = Alloc,Contain
>^ in azure but not rsc

Stephen Roller (10/10/2022 13:30:13 PDT):
>not sure why that would affect things from my read of the logs

Stephen Roller (10/10/2022 13:30:24 PDT):
>idk, transient error? something definitely for us to watch out for

Susan Zhang (10/10/2022 13:39:17 PDT):
>oh this is going to be fun :)

Stephen Roller (10/10/2022 13:50:49 PDT):
>taking down the api is a good hardball move

Susan Zhang (10/10/2022 14:09:15 PDT):
>do you want diana to do a full flash attn run?

Susan Zhang (10/10/2022 14:09:22 PDT):
>or can it run for like 5k or 10k steps

Stephen Roller (10/10/2022 14:09:42 PDT):
>5k steps is fine if ppl's match

Stephen Roller (10/10/2022 14:10:11 PDT):
>curious to see the benchmark tho

Stephen Roller (10/10/2022 14:11:42 PDT):
>heh

Stephen Roller (10/10/2022 14:12:03 PDT):
>this hardball move is gonna be a quantum observation of the api tho

Stephen Roller (10/10/2022 14:12:21 PDT):
>previously it was a schrodinger's cat of impacc

Susan Zhang (10/10/2022 14:12:40 PDT):
>i love it

Stephen Roller (10/10/2022 14:14:41 PDT):
>Ruan' s run only needs 1.5 more days I think

Susan Zhang (10/10/2022 14:15:41 PDT):
>talking to ruan rn and looking at the plots

Stephen Roller (10/10/2022 14:16:08 PDT):
>please don't de-prioritize it

Stephen Roller (10/10/2022 14:16:39 PDT):
>it's getting great throughput and it confers your fatter hypothesis

Stephen Roller (10/10/2022 14:16:46 PDT):
>i want to see it to the end

Susan Zhang (10/10/2022 14:17:02 PDT):
>ya sf

Susan Zhang (10/10/2022 14:17:03 PDT):
>sg

Susan Zhang (10/10/2022 14:17:09 PDT):
>but ruan doesn't even know to look at ppl plots so

Susan Zhang (10/10/2022 14:17:18 PDT):
>time to confer knowledge :)

Stephen Roller (10/10/2022 14:17:25 PDT):
>i think i used the wrong word

Stephen Roller (10/10/2022 14:17:25 PDT):
>but

Stephen Roller (10/10/2022 14:17:32 PDT):
>yeah knowledge share is good

Susan Zhang (10/10/2022 14:17:48 PDT):
>lmao this phrasing tho

Susan Zhang (10/10/2022 14:17:59 PDT):
>like seriously? you have a whole list of users

Stephen Roller (10/10/2022 14:19:10 PDT):
>whoops my logfile is 28 gb

Susan Zhang (10/10/2022 14:19:36 PDT):
>looool friend of a friend just got added to the OPT api group

Susan Zhang (10/10/2022 14:19:40 PDT):
>https://fb.workplace.com/profile.php?[redacted]

Stephen Roller (10/10/2022 14:19:51 PDT):
>yeah a random PM messaged me

Stephen Roller (10/10/2022 14:19:56 PDT):
>going "what why?"

Susan Zhang (10/10/2022 14:20:07 PDT):
>george?

Stephen Roller (10/10/2022 14:20:46 PDT):

shared: 310111299_1239503173292656_3281664911865422051_n.png

Stephen Roller (10/10/2022 14:20:48 PDT):
>phillippe

Susan Zhang (10/10/2022 14:20:52 PDT):
>ahhh

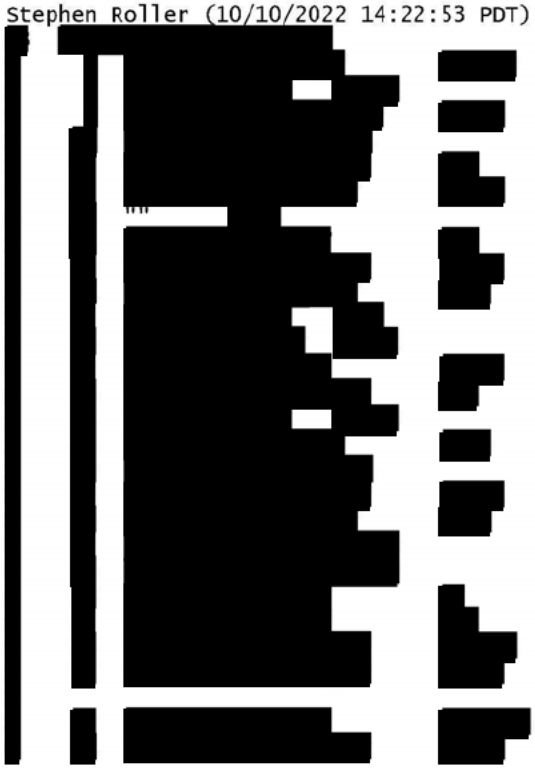
Stephen Roller (10/10/2022 14:20:52 PDT):
>george i know already

Susan Zhang (10/10/2022 14:20:52 PDT):
>hahahaha

Susan Zhang (10/10/2022 14:21:57 PDT):
>oooh i talked to philippe a while back - glad his kept at it

Susan Zhang (10/10/2022 14:22:08 PDT):
>back in march.. dang

Stephen Roller (10/10/2022 14:22:53 PDT):

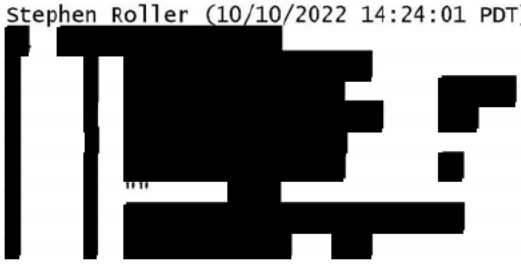


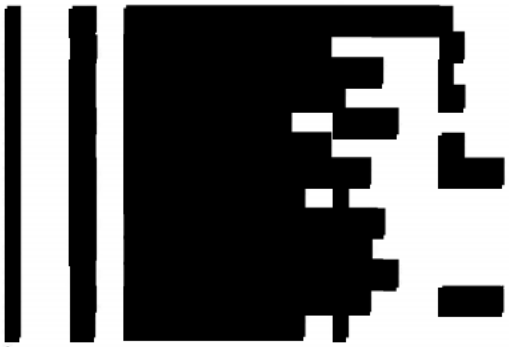
Stephen Roller (10/10/2022 14:23:06 PDT):
>here's everyone who has actually hit it more than 100 times

Stephen Roller (10/10/2022 14:23:26 PDT):
>since i started logging usernames

Susan Zhang (10/10/2022 14:23:29 PDT):
>dummy_key lol

Stephen Roller (10/10/2022 14:24:01 PDT):





>
>ah plus these people

Stephen Roller (10/10/2022 14:24:05 PDT):
>two log files

Stephen Roller (10/10/2022 14:24:24 PDT):
>yeah i actually have collected like 9 openai api keys from this lmao

Susan Zhang (10/10/2022 14:24:55 PDT):
>hahahahah

Stephen Roller (10/10/2022 14:31:48 PDT):
>i wonder if multigen is having to yield a bunch

Stephen Roller (10/10/2022 14:31:54 PDT):
>their deadline is past

Susan Zhang (10/10/2022 14:32:27 PDT):
>doubt it - they'll probably yield as far as RSC realistically has capacity for

Stephen Roller (10/10/2022 14:33:25 PDT):
>i told you

Stephen Roller (10/10/2022 14:33:35 PDT):
>i had a bad feeling about today

Susan Zhang (10/10/2022 14:38:59 PDT):
>do i still need to pass in that full blob auth url thing to resume?

Susan Zhang (10/10/2022 14:39:08 PDT):
>(for whenever stuff is freed up tmrw)

Stephen Roller (10/10/2022 14:42:04 PDT):
>nope!

Stephen Roller (10/10/2022 14:42:16 PDT):
>assuming you're using sweep_baselines

Susan Zhang (10/10/2022 14:42:54 PDT):
>https://github.com/fairinternal/metaseq-
internal/blob/susar[redacted].py just copied over

Stephen Roller (10/10/2022 14:43:30 PDT):
>https://github.com/fairinternal/metaseq-
internal/blob/[redacted]
py#L84-L93

Susan Zhang (10/10/2022 14:43:34 PDT):
>wait so i need to pass in.. resume?

Stephen Roller (10/10/2022 14:43:41 PDT):
>why can't you put it in projects/zucchini?

Stephen Roller (10/10/2022 14:44:05 PDT):
>don't need to pass in anything

Stephen Roller (10/10/2022 14:44:22 PDT):
>if your checkpoint folder doesn't change then neither will the blob path

Stephen Roller (10/10/2022 14:44:29 PDT):
>and it'll just magically download your last checkpoint

Susan Zhang (10/10/2022 14:44:33 PDT):
>how does it know which checkpoint to resume from

Susan Zhang (10/10/2022 14:44:37 PDT):
>ah last

Susan Zhang (10/10/2022 14:44:47 PDT):
>sweeet baby jesus

Stephen Roller (10/10/2022 14:44:56 PDT):
>can't tell if you're happy or not

Susan Zhang (10/10/2022 14:45:01 PDT):
>v happy

Stephen Roller (10/10/2022 14:45:13 PDT):
>yeah i really put some elbow grease into making this sweep script easier to use

Susan Zhang (10/10/2022 14:45:25 PDT):
>i did some data path clobbering and didn't want to get things mixed up accidentally

Stephen Roller (10/10/2022 14:45:28 PDT):
>it was my "oh fuck oh fuck oh fuck" task as newbies were joining up

Susan Zhang (10/10/2022 14:46:00 PDT):
>i can tell - was so nice to start running things again and things _just work_

Stephen Roller (10/10/2022 14:46:26 PDT):
>i value usability, especially when i knew i was about to launch 30 ablations lol

Susan Zhang (10/10/2022 14:46:31 PDT):
>welp - today was good fodder to this q3 note i'm still procrastinating on

Susan Zhang (10/10/2022 14:46:57 PDT):
>just the right amount of angeery fire

Susan Zhang (10/10/2022 14:47:30 PDT):
>kind of annoyed that i hear the capacity promied to guillaume before melanie could say something but whatever

Stephen Roller (10/10/2022 14:47:42 PDT):
>she did say sth

Stephen Roller (10/10/2022 14:47:47 PDT):
>she was just ignored

Susan Zhang (10/10/2022 14:47:48 PDT):
>she kept saying to hold

Susan Zhang (10/10/2022 14:47:55 PDT):
>ah yeah that

Susan Zhang (10/10/2022 14:48:02 PDT):
>and then didn't report back that she was bulldozed lol

Stephen Roller (10/10/2022 14:48:27 PDT):
>alright i'm suss of this multilingual wiki data

Susan Zhang (10/10/2022 14:48:32 PDT):
>uh oh why

Stephen Roller (10/10/2022 14:48:38 PDT):
>we're getting 3.25 ppl on it

Susan Zhang (10/10/2022 14:48:43 PDT):
>;_;

Susan Zhang (10/10/2022 14:48:44 PDT):
>ffs

Stephen Roller (10/10/2022 14:48:45 PDT):
>i'm reading the data and it _looks_ fine

Stephen Roller (10/10/2022 14:48:48 PDT):
>gpt2 tokenizer?

Stephen Roller (10/10/2022 14:49:11 PDT):
>also we kept the english only validation data around and those numbers are fine

Susan Zhang (10/10/2022 14:50:14 PDT):
>wait ppl or loss?

Susan Zhang (10/10/2022 14:50:37 PDT):
>i'm confused - what are you seeing? ppl seems to be around 9 or whatever

Susan Zhang (10/10/2022 14:50:43 PDT):
>wiki en validation ppl is around 10.25

Stephen Roller (10/10/2022 14:50:50 PDT):



Stephen Roller (10/10/2022 14:50:57 PDT):
>yeah but mulitlingual ppl is 3.25

Susan Zhang (10/10/2022 14:51:21 PDT):
>ah

Stephen Roller (10/10/2022 14:51:25 PDT):
>which could be like

Stephen Roller (10/10/2022 14:51:29 PDT):
>"unicode unicode unicode"

Susan Zhang (10/10/2022 14:51:55 PDT):
>it's almost 6pm for you

Stephen Roller (10/10/2022 14:51:59 PDT):
>so?

Susan Zhang (10/10/2022 14:52:01 PDT):
>that sounds like a tmrw problem

Stephen Roller (10/10/2022 14:52:18 PDT):
>yeah we'll just evaluate it and see how it does

Stephen Roller (10/10/2022 14:54:19 PDT):
>gotta hack on the MT prompts tho

Stephen Roller (10/10/2022 14:54:24 PDT):
>i looked into that and our current prompts are

Stephen Roller (10/10/2022 14:54:35 PDT):
>`Guten Tag! = <mask>`

Stephen Roller (10/10/2022 14:54:47 PDT):
>lmao

Stephen Roller (10/10/2022 14:54:49 PDT):
>just

Stephen Roller (10/10/2022 14:54:58 PDT):
>"random phrase = <generate>"

Susan Zhang (10/10/2022 14:55:49 PDT):
>

Stephen Roller (10/10/2022 14:56:30 PDT):
>spooky?

Stephen Roller (10/10/2022 14:57:04 PDT):
>what's a really common chinese character?

Susan Zhang (10/10/2022 14:58:18 PDT):
>你好

Susan Zhang (10/10/2022 14:58:22 PDT):
>or

Susan Zhang (10/10/2022 14:58:29 PDT):
>谢谢

Stephen Roller (10/10/2022 14:59:20 PDT):
>eh i don't see it in the dictionary for either gpt2 or the ones i trained already

Stephen Roller (10/10/2022 14:59:25 PDT):
>i think it must be unicoded already

Susan Zhang (10/10/2022 15:01:38 PDT):
>:o

Susan Zhang (10/10/2022 15:01:59 PDT):
>man if those don't exist for chinese then... yeesh

Stephen Roller (10/10/2022 15:02:15 PDT):
>yeah i'm digging

Stephen Roller (10/10/2022 15:02:26 PDT):
>to be clear i only searched for 你

Stephen Roller (10/10/2022 15:02:33 PDT):
>figuring that would be strictly more common than 2 character

Stephen Roller (10/10/2022 15:02:44 PDT):
>in terms of... grepping vocab

Stephen Roller (10/10/2022 15:02:54 PDT):
>what are they

Susan Zhang (10/10/2022 15:03:03 PDT):
>nihao = hello

Susan Zhang (10/10/2022 15:03:06 PDT):
>xiexie = thank you

Stephen Roller (10/10/2022 15:03:15 PDT):
>what are the tones on the second

Stephen Roller (10/10/2022 15:03:40 PDT):
>tbh i don't see hallo or bonjour either

Susan Zhang (10/10/2022 15:04:13 PDT):
>xie4xie4

Stephen Roller (10/10/2022 15:05:49 PDT):
[redacted]

Stephen Roller (10/10/2022 15:05:59 PDT):
>ah yeah they already go through the dreaded bpe byte remap

Stephen Roller (10/10/2022 15:06:16 PDT):
>nah that means they're still there

Stephen Roller (10/10/2022 15:06:22 PDT):
>they're just not legible reading the token file directly

Stephen Roller (10/10/2022 15:06:40 PDT):
[redacted]

Susan Zhang (10/10/2022 15:06:47 PDT):
>Ooooo

Susan Zhang (10/10/2022 15:06:59 PDT):
>I think I'm fuzzy on the details but this looks good lol

Susan Zhang (10/10/2022 15:07:39 PDT):
>I think... extra empty space?

Stephen Roller (10/10/2022 15:07:57 PDT):
>yeah it's an extremely low level representation detail that i only know bc i've implemented bpe before

Stephen Roller (10/10/2022 15:08:08 PDT):
>but vocab files aren't human readable

Stephen Roller (10/10/2022 15:08:31 PDT):
>gdi i had [redacted] bc that's the fucking default for some stupid reason

Susan Zhang (10/10/2022 15:08:35 PDT):
>Yeah i would almost expect equivalence though

Susan Zhang (10/10/2022 15:08:39 PDT):
>An

Susan Zhang (10/10/2022 15:08:41 PDT):
>Ah

Stephen Roller (10/10/2022 15:08:55 PDT):
>it's 1:1

Susan Zhang (10/10/2022 15:08:56 PDT):
>Is that in our runs?

Stephen Roller (10/10/2022 15:09:03 PDT):
>just 1 of them

Stephen Roller (10/10/2022 15:09:27 PDT):
>it actually tends to help things, but it can make test time decoding a pita

Stephen Roller (10/10/2022 15:09:47 PDT):
>bc now "hello" at the start of a string is the same token as " hello" not at the start of the string

Stephen Roller (10/10/2022 15:10:54 PDT):
[redacted]

Stephen Roller (10/10/2022 15:10:55 PDT):
>lol

Stephen Roller (10/10/2022 15:11:01 PDT):
>at least Liebe was a word

Stephen Roller (10/10/2022 15:11:14 PDT):
[redacted]

Stephen Roller (10/10/2022 15:11:17 PDT):
>the french weep

Susan Zhang (10/10/2022 15:11:24 PDT):
>hahaha

Stephen Roller (10/10/2022 15:11:46 PDT):
[redacted]

Stephen Roller (10/10/2022 15:11:47 PDT):
>lmao

Stephen Roller (10/10/2022 15:11:53 PDT):
>that makes sense lol

Susan Zhang (10/10/2022 15:12:28 PDT):
>yeesh.. if multilingual wiki quality is okay i think i needs to be upsampled for tokenizer :/

Stephen Roller (10/10/2022 15:13:21 PDT):
>this is a weird question but can you think of an obtuse chinese character?

Stephen Roller (10/10/2022 15:13:40 PDT):
>maybe an unusual name?

Susan Zhang (10/10/2022 15:13:59 PDT):
>obtuse - like rare?

Stephen Roller (10/10/2022 15:14:05 PDT):
>yeah something lower frequency

Susan Zhang (10/10/2022 15:14:12 PDT):
>章

Stephen Roller (10/10/2022 15:14:25 PDT):
[redacted]

Stephen Roller (10/10/2022 15:14:32 PDT):
>that one is 3 tokens lol

Stephen Roller (10/10/2022 15:14:49 PDT):
>gj on producing a nice rare character

Susan Zhang (10/10/2022 15:14:50 PDT):
>yeesh. well it is rare i guess

Susan Zhang (10/10/2022 15:15:00 PDT):
>it's my last name lmao

Stephen Roller (10/10/2022 15:15:30 PDT):
>...how many variations of zhang all map to english zhang?

Susan Zhang (10/10/2022 15:15:38 PDT):
>all of them

Stephen Roller (10/10/2022 15:15:51 PDT):
>okay i mean

Stephen Roller (10/10/2022 15:15:56 PDT):
>how many variations of zhang are there lol

Susan Zhang (10/10/2022 15:16:11 PDT):
>ah there's the most common and then probably a longtail

Stephen Roller (10/10/2022 15:16:19 PDT):
>and you're in the long tail?

Susan Zhang (10/10/2022 15:16:23 PDT):
>张 is the most common

Susan Zhang (10/10/2022 15:16:37 PDT):
>yeah i don't know of many that aren't the main one tho

Stephen Roller (10/10/2022 15:16:39 PDT):
[redacted]

[redacted]

Stephen Roller (10/10/2022 15:17:11 PDT):
>alright let's see how we do at ukranian

Stephen Roller (10/10/2022 15:18:26 PDT):
[redacted]

Stephen Roller (10/10/2022 15:19:15 PDT):
>not horrible

Susan Zhang (10/10/2022 15:19:38 PDT):
>insofar as i can read hieroglyphs... yes

Stephen Roller (10/10/2022 15:19:58 PDT):
>koren gets recked

Stephen Roller (10/10/2022 15:20:16 PDT):
[redacted]

Stephen Roller (10/10/2022 15:21:14 PDT):
>really hard to tell how idiomatic these google translations are tho

Susan Zhang (10/10/2022 15:29:22 PDT):
>Oh no my kdrama translations

Stephen Roller (10/10/2022 15:32:20 PDT):
>i'd love to put a corpus of kdrama scipts in our training set lmao

Susan Zhang (10/10/2022 15:37:42 PDT):
>Oh jesus seamless

Susan Zhang (10/10/2022 15:37:52 PDT):
>Forgot they need compute too

Stephen Roller (10/10/2022 15:38:40 PDT):
>they're like fucking 40 people too

Stephen Roller (10/10/2022 15:40:39 PDT):

shared: 311016555_909760160007107_294764695492261209_n.png

Stephen Roller (10/10/2022 15:40:47 PDT):
>new thm proving data looks way more stable than old code/arxiv did

Susan Zhang (10/10/2022 15:42:01 PDT):
>Niiice what is that run training on

Susan Zhang (10/10/2022 15:42:07 PDT):
>Just thm proving data?

Stephen Roller (10/10/2022 15:42:55 PDT):
>textonly+all the TP data

Stephen Roller (10/10/2022 15:43:50 PDT):
>ah + edouardcc

Stephen Roller (10/10/2022 15:44:15 PDT):
>but no multilingual

Susan Zhang (10/10/2022 15:44:45 PDT):
>and your other run is all of ^ plus multilingual?

Susan Zhang (10/10/2022 15:44:56 PDT):
>with new tokenizer?

Stephen Roller (10/10/2022 15:45:02 PDT):
>+ new tokenizer + hyperparam changes

Stephen Roller (10/10/2022 15:45:08 PDT):
>it's my "all in" run

Stephen Roller (10/10/2022 15:47:43 PDT):
>Training for 800B tokens

Stephen Roller (10/10/2022 15:48:15 PDT):
>This thing is gonna kick the living shit out of OPT 6.7B one way or another

Susan Zhang (10/10/2022 15:53:17 PDT):
>oh did you see david e's [redacted] analysis?

Susan Zhang (10/10/2022 15:53:34 PDT):
>https://docs.google.com/document/d/1[redacted]/edit#heading=h.5a2j4u84u
pg2

Stephen Roller (10/10/2022 15:53:34 PDT):
>No

Stephen Roller (10/10/2022 15:53:52 PDT):
>Oh it' s also 7.8B params to try to get to close as palm as I could

Stephen Roller (10/10/2022 15:55:19 PDT):
>Hm that' s a lotta exclusions

Stephen Roller (10/10/2022 15:55:23 PDT):
>He did a nice thorough job

Susan Zhang (10/10/2022 15:55:30 PDT):
>yeah he's awesome

Susan Zhang (10/10/2022 15:55:31 PDT):
>huge fan

Stephen Roller (10/10/2022 15:56:09 PDT):
>I vote we keep aclweb in. Need our AI to self improve

Stephen Roller (10/10/2022 15:56:18 PDT):
>😅

Stephen Roller (10/10/2022 16:09:36 PDT):
>I called it tho

Susan Zhang (10/10/2022 16:10:20 PDT):
>i think this will be a very entertaining week :)

Susan Zhang (10/10/2022 16:10:34 PDT):
>either we align or things explode and i'm all for both

Stephen Roller (10/10/2022 16:12:07 PDT):
>🤦

Susan Zhang (10/10/2022 16:17:37 PDT):

shared: http://www.facebook.com/513720797266022 as 273053866_806237864110936_94041245251798665_n.gif

Stephen Roller (10/10/2022 16:18:19 PDT):
>I don' t get it

Susan Zhang (10/10/2022 16:28:46 PDT):
>Oof rendered poorly

Susan Zhang (10/10/2022 16:28:57 PDT):
>This week of fireworks

Stephen Roller (10/10/2022 17:37:52 PDT):
>https://twitter.com/sun_girlxo/status/1579200903017816065?s=46&t=-irkyxy2yOqC5k9zLbDFFA u irl

Susan Zhang (10/10/2022 17:38:21 PDT):
>Lol

Susan Zhang (10/10/2022 17:39:02 PDT):
>Dealing with a mountain of paperwork at home

Susan Zhang (10/10/2022 17:39:08 PDT):
>Mom is completelt out if it

Susan Zhang (10/10/2022 17:39:42 PDT):
>Work seems like the only place things are functional lol

Stephen Roller (10/10/2022 17:41:26 PDT):
>Guess I' ll try to keep the popcorn coming

Stephen Roller (10/10/2022 18:41:31 PDT):
>https://twitter.com/bjarturtomas/status/1579536957616820224?s=46&t=-irkyxy2yOqC5k9zLbDFFA

Susan Zhang (10/10/2022 18:46:24 PDT):
>LOL what is this account

Susan Zhang (10/10/2022 18:46:33 PDT):
>reads like someone within the openai orb

Stephen Roller (10/10/2022 18:47:24 PDT):
>Reads like it' s my secret alt lmao

Stephen Roller (10/10/2022 18:49:27 PDT):
>https://twitter.com/tszzl/status/1574924260094582784?s=46&t=TECIZiN_ZyXK78xMqHVyyw lmao

Susan Zhang (10/10/2022 18:50:12 PDT):
>hahahahah

Stephen Roller (10/10/2022 18:50:44 PDT):
>Yann must' ve really dunked on him at some faculty meeting

Susan Zhang (10/10/2022 18:51:11 PDT):
>what are gary's creds again?

Susan Zhang (10/10/2022 18:51:15 PDT):
>how did this thing with yann start

Stephen Roller (10/10/2022 18:52:03 PDT):
>He' s an esteemed cogsci prof who' s got opinions on AI

Stephen Roller (10/10/2022 18:52:10 PDT):
>Cuz you know

Stephen Roller (10/10/2022 18:52:16 PDT):
>Planes fly by flapping wings

Stephen Roller (10/10/2022 18:52:46 PDT):
>Mostly it just reads to me like the 60 year old connectionist vs symbolist debate

Susan Zhang (10/10/2022 19:04:45 PDT):
>oh i meant academic

Susan Zhang (10/10/2022 19:04:54 PDT):
>oh cogsci prof

Susan Zhang (10/10/2022 19:05:08 PDT):
>i just know him as some prof dude with some meh startup

Susan Zhang (10/10/2022 19:05:11 PDT):
>always spouting off on twitter

Susan Zhang (10/10/2022 19:08:03 PDT):
>lol kims post

Stephen Roller (10/10/2022 19:12:37 PDT):
>Kinda interesting

Stephen Roller (10/10/2022 19:12:43 PDT):
>Shows where her attention is

Stephen Roller (10/10/2022 19:12:49 PDT):
>And who she values

Stephen Roller (10/10/2022 19:13:29 PDT):
>That could be strategic– RSC drama is a drain on critical players. Public support is a useful rejuvenator

Stephen Roller (10/10/2022 19:14:19 PDT):
>Teng and Denish being called out on cloud is also interesting. I' m either not seeing something or

Susan Zhang (10/10/2022 19:16:42 PDT):
>my takeaway each time from talking to kim

Susan Zhang (10/10/2022 19:16:49 PDT):
>is that she doesn't value me at all :)

Stephen Roller (10/10/2022 19:16:53 PDT):
>Mhm

Stephen Roller (10/10/2022 19:17:02 PDT):
>Oh I said mhm before the second part

Susan Zhang (10/10/2022 19:17:05 PDT):
>lol

Susan Zhang (10/10/2022 19:17:31 PDT):
>so her note.. reflects that well :)

Stephen Roller (10/10/2022 19:17:49 PDT):
>What would it say if she valued you?

Stephen Roller (10/10/2022 19:18:08 PDT):
>Tbh your omission doesn' t read louder than the rest of Zetta' s to me

Susan Zhang (10/10/2022 19:18:21 PDT):
>no that's what i mean

Susan Zhang (10/10/2022 19:18:34 PDT):
>no zetta... and i guess no sysml too lol

Susan Zhang (10/10/2022 19:19:00 PDT):
>the most important thing to kim

Stephen Roller (10/10/2022 19:19:02 PDT):
>She does to be deep in the RSC and cloud pains these days

Susan Zhang (10/10/2022 19:19:02 PDT):
>is rsc

Stephen Roller (10/10/2022 19:19:09 PDT):
>It would make sense they are top of mind

Stephen Roller (10/10/2022 19:24:59 PDT):
>Idk I def haven' t clocked how to position things to her yet

Susan Zhang (10/10/2022 19:25:43 PDT):
>mleh

Susan Zhang (10/10/2022 19:25:53 PDT):
>i'm debating whether or not to do the q3 update chronologically

Susan Zhang (10/10/2022 19:25:54 PDT):
>or by topic

Stephen Roller (10/10/2022 19:26:09 PDT):
>Okay, what are you hitting

Stephen Roller (10/10/2022 19:26:49 PDT):
>I instinctually suggest topic. Chronological doesn' t give punches of themes

Susan Zhang (10/10/2022 19:26:56 PDT):
>yeah i know

Susan Zhang (10/10/2022 19:27:05 PDT):
>but

Susan Zhang (10/10/2022 19:27:08 PDT):
>argh ok fine

Stephen Roller (10/10/2022 19:27:36 PDT):
>Tho like

Stephen Roller (10/10/2022 19:27:45 PDT):
>Chronological is easier to write

Stephen Roller (10/10/2022 19:28:01 PDT):
>It' s not a terrible idea to write chronological and then start restructuring

Susan Zhang (10/10/2022 19:28:16 PDT):
>nah the salt is with the story

Stephen Roller (10/10/2022 19:28:41 PDT):
>I already told you to write a salty version just for the two of us

Stephen Roller (10/10/2022 19:29:22 PDT):
>If you appear salty in your final version, it will inflame wounds as salt tends to do

Susan Zhang (10/10/2022 19:31:36 PDT):
>ok fortune cookie

Stephen Roller (10/10/2022 19:31:40 PDT):
>At the same time, if you can boil the salt down to two sentences and keep the rest good, this is an opportunity to make one good ask

Stephen Roller (10/10/2022 19:32:41 PDT):
>But tbh I don' t have any asks I feel arent vacuous. Stop with compute wars and go give a reality check to emea. These aren' t good asks

Susan Zhang (10/10/2022 19:35:53 PDT):
>did you include books3 in 2.1T estimate?

Susan Zhang (10/10/2022 19:37:41 PDT):
>can you give a breakdown by token count of what we have taken from other teams?

Stephen Roller (10/10/2022 19:39:32 PDT):
>Spreadsheet has an emea line

Stephen Roller (10/10/2022 19:39:53 PDT):
>Books3 remains our single sketchiest dataset btw

Stephen Roller (10/10/2022 19:40:05 PDT):
>As the lawyers Redacted

Stephen Roller (10/10/2022 19:40:57 PDT):
>My estimates are up to date and exact counts for everything except [redacted]

Susan Zhang (10/10/2022 19:41:01 PDT):
Redacted

Stephen Roller (10/10/2022 19:41:19 PDT):
>Not exactly

Susan Zhang (10/10/2022 19:41:21 PDT):
>and Redacted

Stephen Roller (10/10/2022 19:41:44 PDT):
>This··· isn' t good

Stephen Roller (10/10/2022 19:41:46 PDT):
>Lmao

Susan Zhang (10/10/2022 19:42:06 PDT):
>as in put into our apper

Susan Zhang (10/10/2022 19:42:08 PDT):
>as an example

Susan Zhang (10/10/2022 19:42:24 PDT):
>nvm you're not even keeping up with the srt state anyway lol

Stephen Roller (10/10/2022 19:42:43 PDT):
>Wut

Stephen Roller (10/10/2022 19:43:27 PDT):
>I should prolly be updated soon tho. I' ve been focused on giving us optionality

Stephen Roller (10/10/2022 19:43:40 PDT):
>Oh paper

Stephen Roller (10/10/2022 19:43:47 PDT):
>Yeah sure who cares

Stephen Roller (10/10/2022 19:44:27 PDT):
Redacted

Stephen Roller (10/10/2022 19:44:44 PDT):
Redacted

Susan Zhang (10/10/2022 19:45:41 PDT):
>read https://docs.google.com/document/d/[redacted]/edit then

Stephen Roller (10/10/2022 19:46:17 PDT):
>Ty

Stephen Roller (10/10/2022 19:47:01 PDT):
>Lmao okay

Stephen Roller (10/10/2022 19:47:10 PDT):
>I' mma call this out

Stephen Roller (10/10/2022 19:47:18 PDT):
>Just here

Stephen Roller (10/10/2022 19:47:43 PDT):
>There is a clear mismatch of understanding about what this corpus is but let' s go

Stephen Roller (10/10/2022 19:48:28 PDT):
>I would' ve delivered us books3 months ago if I knew this was the SRT status

Susan Zhang (10/10/2022 19:49:04 PDT):
>-_-

Stephen Roller (10/10/2022 19:50:03 PDT):

shared: 311243815_1804139106592931_1895785873704423O7_n.jpg

Susan Zhang (10/10/2022 19:50:18 PDT):
>i know stephen

Susan Zhang (10/10/2022 19:50:20 PDT):
>you showed me that

Susan Zhang (10/10/2022 19:50:24 PDT):

>i've seen that doc multiple times

Susan Zhang (10/10/2022 19:50:48 PDT):
>always annoying to search for since i have to remember it's galled gpt-3 reproduction -_-

Susan Zhang (10/10/2022 19:52:16 PDT):
>anyway this https://github.com/fairinternal/xlformers/commit/[redacted]

Susan Zhang (10/10/2022 19:52:18 PDT):
>o.O

Stephen Roller (10/10/2022 19:52:18 PDT):
>🤷

Stephen Roller (10/10/2022 19:53:01 PDT):
>Oh good our fifth implementation of health checks begins

Stephen Roller (10/10/2022 19:53:15 PDT):
>And with the second most useless check to boot

Stephen Roller (10/10/2022 19:54:24 PDT):
>Nvidia' s official check. Guess what nothing comes to the pallet without passing..

Stephen Roller (10/10/2022 19:54:58 PDT):
>Shubho would be livid

Susan Zhang (10/10/2022 19:55:58 PDT):
>did you poke around the rest of the branch / code

Stephen Roller (10/10/2022 19:56:08 PDT):
>Not in a while

Stephen Roller (10/10/2022 19:56:14 PDT):
>It was mostly copy pasta

Stephen Roller (10/10/2022 19:56:59 PDT):
>This looks like a from scratch re-implementation tho

Stephen Roller (10/10/2022 19:57:32 PDT):
>Kinda insulting tbh

Susan Zhang (10/10/2022 19:57:39 PDT):
>mmmhm

Susan Zhang (10/10/2022 19:57:46 PDT):
>this whole thing from emea

Susan Zhang (10/10/2022 19:57:47 PDT):
>-_-

Stephen Roller (10/10/2022 19:58:17 PDT):
>It' s hard to not feel it' s full from scratch rewrite assuming we were idiots

Stephen Roller (10/10/2022 19:58:44 PDT):
>Disheartening frequently

Susan Zhang (10/10/2022 19:59:14 PDT):
>i feel like an idiot from all sides -_-

Stephen Roller (10/10/2022 19:59:15 PDT):
>But in this case, dcgmi diag -r 1 is already in prologs

Stephen Roller (10/10/2022 19:59:46 PDT):
>Idk my mentee and I had a convo today

Stephen Roller (10/10/2022 20:00:04 PDT):
>One of his engineers has started on a from scratch rewrite of some competing system

Stephen Roller (10/10/2022 20:00:34 PDT):
>And I' m like "how does he know he' s not going to end up also organically finding himself in the same shit show?"

Stephen Roller (10/10/2022 20:00:55 PDT):
>He doesn't. He just hasn't experienced the lesson before

Susan Zhang (10/10/2022 20:02:17 PDT):
>your 2.1T token count is all with gpt-2 tokenizer i'm assuming?

Stephen Roller (10/10/2022 20:02:25 PDT):
>Yeah

Stephen Roller (10/10/2022 20:02:43 PDT):
>I'll get us updated counts when we finalize

Stephen Roller (10/10/2022 20:02:53 PDT):
>I expect maybe 10% less

Stephen Roller (10/10/2022 20:03:52 PDT):
>I'm also frustrated by emea saying "yeah we could just get more cc snapshots"

Stephen Roller (10/10/2022 20:04:28 PDT):
>As if the reason I didn't use Cc-xl was the lack of more snapshots, and not replicating the insane end to end pipeline

Stephen Roller (10/10/2022 20:04:42 PDT):
>They took the existing 4 ccnet snapshots and worked them a bit more

Susan Zhang (10/10/2022 20:05:03 PDT):
>and they can't run the ccnet pipeline?

Stephen Roller (10/10/2022 20:05:57 PDT):
>Maybe. They have Guillaume W who could execute faster than I could learn his pipelines and scale them 50x

Susan Zhang (10/10/2022 20:06:11 PDT):
>lol

Stephen Roller (10/10/2022 20:06:30 PDT):
>But idk

Stephen Roller (10/10/2022 20:07:19 PDT):
>Cc-xl is 12T tokens of raw English. At 1T tokens we were getting a 30% dupe rate at the FPR we could computationally afford

Stephen Roller (10/10/2022 20:07:49 PDT):
>I'm thinking we max out at 3T tokens tops after we actually work through everything, even with 50X more snapshots

Susan Zhang (10/10/2022 20:08:15 PDT):
>yeah that's what i was trying to get edouard to say when we all last met

Susan Zhang (10/10/2022 20:08:18 PDT):
>but meh

Stephen Roller (10/10/2022 20:09:02 PDT):
>Well they're accidentally spreading misinfo of 4.5TB = 4.5T tokens bc managers aren't so privvy

Susan Zhang (10/10/2022 20:09:52 PDT):
>sigh

Susan Zhang (10/10/2022 20:10:02 PDT):
>so much misinfo and noise from their side

Stephen Roller (10/10/2022 20:10:28 PDT):

shared: http://www.facebook.com/483219437073921 as 271290517_507253627246324_7150030462936134046_n.gif

Stephen Roller (10/10/2022 20:10:53 PDT):
>I don't think it's intentional

Stephen Roller (10/10/2022 20:11:13 PDT):

>It' s managers eager to misread their reports' status

Stephen Roller (10/10/2022 20:11:41 PDT):
>I don' t think they ICs have ever misrepresented factual information

Stephen Roller (10/10/2022 20:12:07 PDT):
>Though the dedupe is hopefully a good data point for them

Stephen Roller (10/10/2022 20:12:35 PDT):
>Maybe we should start saying what OPT corpus was before dedupe and cleanup instead of final format lmao

Stephen Roller (10/10/2022 20:16:14 PDT):
>Anyway emea' s data is good. Just needed dedupe

Stephen Roller (10/10/2022 20:16:18 PDT):
>They did a good job

Stephen Roller (10/10/2022 20:16:24 PDT):
>I don' t wanna take that from them

Stephen Roller (10/10/2022 20:16:41 PDT):
>Tho Guillaume didn' t spend as much love into poetry formatting as I did for books

Stephen Roller (10/10/2022 20:16:53 PDT):
>

Stephen Roller (10/10/2022 20:17:09 PDT):
>It' s fine. Zucchini can be a bad poet

Susan Zhang (10/10/2022 20:26:45 PDT):
>wait what did you do for books before?

Stephen Roller (10/10/2022 20:30:49 PDT):
>I spent a week hand crafting rules for various corpora and attempted to have a poetry formatting detector

Susan Zhang (10/10/2022 20:30:59 PDT):
>-_-

Stephen Roller (10/10/2022 20:31:03 PDT):
>It had false positives and true positives

Susan Zhang (10/10/2022 20:31:05 PDT):
>but like yes good good very good

Stephen Roller (10/10/2022 20:31:45 PDT):
>Guillaume just collapsed all adjacent newlines into the same paragraph

Stephen Roller (10/10/2022 20:32:01 PDT):
>So all poetry is forever presented as a single newline

Stephen Roller (10/10/2022 20:32:07 PDT):
>C' est la vie

Susan Zhang (10/10/2022 20:32:10 PDT):
>NUUUUUuuuUUUUUuuuuUUUU

Susan Zhang (10/10/2022 20:32:23 PDT):
>wat where is this dataset?

Susan Zhang (10/10/2022 20:32:30 PDT):
>in edouard's cc?

Stephen Roller (10/10/2022 20:32:39 PDT):
>His version of Gutenberg

Susan Zhang (10/10/2022 20:32:44 PDT):
>oh

Susan Zhang (10/10/2022 20:32:47 PDT):
>nuuuuuuuuuuu

Stephen Roller (10/10/2022 20:33:00 PDT):
>Idk what nuu is

Susan Zhang (10/10/2022 20:33:10 PDT):
>like like nooooo but wiht like hand motions too

Stephen Roller (10/10/2022 20:33:13 PDT):
>It' s 2x bigger than mine so

Susan Zhang (10/10/2022 20:33:33 PDT):
>did you.. write down any of this stuff

Susan Zhang (10/10/2022 20:33:35 PDT):
>anywhere

Stephen Roller (10/10/2022 20:33:49 PDT):
>Tbh GL has been hardcore chasing marginal gains

Susan Zhang (10/10/2022 20:34:05 PDT):
>wdym

Stephen Roller (10/10/2022 20:34:20 PDT):
>Like 4 of his datasets are <1B tokens

Stephen Roller (10/10/2022 20:34:39 PDT):
>Like sure I' ll include them. They constitute 0.1%

Stephen Roller (10/10/2022 20:34:49 PDT):
>I doubt they will poison my model but

Susan Zhang (10/10/2022 20:34:52 PDT):
>ah theorem proving datasets

Susan Zhang (10/10/2022 20:34:55 PDT):
>aops is a great example

Susan Zhang (10/10/2022 20:35:06 PDT):
>it's just hard to find data for his stuff :/

Stephen Roller (10/10/2022 20:35:17 PDT):
>Wiki books and "lean_zulip" too

Stephen Roller (10/10/2022 20:35:29 PDT):
>That' s fine. I don' t mind including them

Stephen Roller (10/10/2022 20:35:39 PDT):
>Just… this isn' t moving the needle

Susan Zhang (10/10/2022 20:35:47 PDT):
>but i gave him a lot of shit for picking a problem that didn't have enough data lol

Susan Zhang (10/10/2022 20:36:00 PDT):
>his problem is tackling the problem hes tackling lol

Stephen Roller (10/10/2022 20:36:14 PDT):
>Same with Mikel dieharding me his Basque dataset

Stephen Roller (10/10/2022 20:36:28 PDT):
>Sure bro. It' s 0.01% of my dataset. It' s in there

Stephen Roller (10/10/2022 20:36:58 PDT):
>I' ll make sure every god damn basque word is seen

Stephen Roller (10/10/2022 20:38:15 PDT):
>Edouard and I joked about this a few times

Stephen Roller (10/10/2022 20:38:48 PDT):
> "So and so wants x in there. Fuck it, I' m not picking a fight over less than 0.1% of my corpus"

Susan Zhang (10/10/2022 20:40:19 PDT):
>hmmm

Susan Zhang (10/10/2022 20:40:23 PDT):
>i think it's really weird that

Susan Zhang (10/10/2022 20:40:32 PDT):
>you seemingly have a good working relationship with edouard

Susan Zhang (10/10/2022 20:40:41 PDT):
>i seemingly have a reasonable working relationship with guillaume lol

Susan Zhang (10/10/2022 20:40:52 PDT):
>rich james thinks he has a good working relationship with edouard too

Susan Zhang (10/10/2022 20:41:01 PDT):
>and yet this emea business is so....

Susan Zhang (10/10/2022 20:41:03 PDT):
>-_-

Stephen Roller (10/10/2022 20:41:35 PDT):
>Yeah idk

Stephen Roller (10/10/2022 20:41:51 PDT):
>GL just ghosts me for a day

Stephen Roller (10/10/2022 20:41:55 PDT):
>And then eventually says thanks

Stephen Roller (10/10/2022 20:42:07 PDT):
>Idk how you manage to have actual convos with him

Stephen Roller (10/10/2022 20:42:22 PDT):
>But tbf the 4 years I' ve known him it' s been like that

Stephen Roller (10/10/2022 20:43:04 PDT):
>Edouard i can at least understand a few ways my personality and his require recalibration

Stephen Roller (10/10/2022 20:43:49 PDT):
>Edouard is just slightly more on the shy side. That' s all

Susan Zhang (10/10/2022 20:44:00 PDT):
>lol daww

Susan Zhang (10/10/2022 20:44:08 PDT):
>and guillaume is just.. hard to talk to?

Stephen Roller (10/10/2022 20:44:26 PDT):
>As opposed to me, a hilarious prototype of a theater attention seeking fuck

Stephen Roller (10/10/2022 20:44:34 PDT):
>So like yeah

Stephen Roller (10/10/2022 20:44:45 PDT):
>I can be patient with edouard

Stephen Roller (10/10/2022 20:45:02 PDT):
>GL has the baggage of spurning me a few years ago

Susan Zhang (10/10/2022 20:45:10 PDT):
>LOL

Susan Zhang (10/10/2022 20:45:11 PDT):
>what did he do?!

Stephen Roller (10/10/2022 20:45:44 PDT):
>Just publicly gave a vibe of me being irrelevant in front of many people at a bar during a fair conference

Stephen Roller (10/10/2022 20:46:02 PDT):
>When I was eager to meet him

Susan Zhang (10/10/2022 20:46:06 PDT):
>;_;

Stephen Roller (10/10/2022 20:46:11 PDT):
>But in retrospect

Stephen Roller (10/10/2022 20:46:13 PDT):
>Eh

Stephen Roller (10/10/2022 20:47:03 PDT):
>A but of French offstandishness, and American outgoingness (with me being more outgoing than many) could ' ve just mixed poorly

Stephen Roller (10/10/2022 20:47:06 PDT):
>But eh

Stephen Roller (10/10/2022 20:47:33 PDT):
>A hint of him being also at the maximum velocity of his upward trajectory and me being irrelevant at the time

Susan Zhang (10/10/2022 20:47:42 PDT):
>ahh

Stephen Roller (10/10/2022 20:48:10 PDT):
>But eh that doesn' t really change the fact that he leaves me on read for 18 hours regularly lol

Stephen Roller (10/10/2022 20:53:11 PDT):
>A really interesting one will be that I offered them both deduped corpora

Stephen Roller (10/10/2022 20:53:21 PDT):
>On azure

Stephen Roller (10/10/2022 20:53:32 PDT):
>But at 10pm their time today

Susan Zhang (10/10/2022 20:53:53 PDT):
>looool

Stephen Roller (10/10/2022 20:56:41 PDT):
>Tbh I feel like running dedupe on 6 of their corpora for them

Stephen Roller (10/10/2022 20:56:53 PDT):
>With some tweaking to reduce FPR for each

Stephen Roller (10/10/2022 20:57:06 PDT):
>Earns us some fairly equal tit for tat

Susan Zhang (10/10/2022 20:57:24 PDT):
>plz write a post on duplication rates lol

Stephen Roller (10/10/2022 20:57:57 PDT):
>So I understand you but

Stephen Roller (10/10/2022 20:58:27 PDT):
>You know sometimes it' s okay to give a bit without credit in the name of the larger picture

Stephen Roller (10/10/2022 20:58:31 PDT):
>:)

Stephen Roller (10/10/2022 20:59:14 PDT):
>Id rather have a good LLM than credit for a preprocessing step

Susan Zhang (10/10/2022 21:00:27 PDT):
>i meant more as documentation that no one writes but yeah ok sure

Stephen Roller (10/10/2022 21:00:47 PDT):
>Yeah I' ll backfill the log

Stephen Roller (10/10/2022 21:00:54 PDT):
>That I can agree to

Stephen Roller (10/10/2022 21:01:00 PDT):
>That' s just being rigorous

Stephen Roller (10/10/2022 21:02:20 PDT):
>But if they wanna claim 50% of our final corpus, they aren' t wrong.

Stephen Roller (10/10/2022 21:02:59 PDT):
>They legit gave me better data than Seattle NLP so

Stephen Roller (10/10/2022 21:03:27 PDT):
>They can claim the impacc

Susan Zhang (10/10/2022 21:03:47 PDT):
>lol as long as we get the compute nothing else matters :P

Susan Zhang (10/10/2022 21:03:57 PDT):
>but they're also coming for the compute so

Susan Zhang (10/10/2022 21:03:58 PDT):
>here we are

Stephen Roller (10/10/2022 21:04:10 PDT):
>Yeah that' s the hard one

Stephen Roller (10/10/2022 21:04:21 PDT):
>It increasingly feels like that' s the only thing they want from us

Stephen Roller (10/10/2022 21:04:33 PDT):
>Same story as cm3

Stephen Roller (10/10/2022 21:04:51 PDT):
>Align until you don' t so you can use compute

Susan Zhang (10/10/2022 21:05:18 PDT):
>yup

Stephen Roller (10/10/2022 21:05:36 PDT):
>Ofc their side is equally valid

Stephen Roller (10/10/2022 21:05:54 PDT):
>We aligned until challenged and then refocused our resources but

Stephen Roller (10/10/2022 21:06:04 PDT):
>That was after a large amount of new info so

Stephen Roller (10/10/2022 21:06:28 PDT):
>Anyway it feeeeeels like a similar game

Stephen Roller (10/10/2022 21:06:56 PDT):
>Put yourself close enough to those with compute that the system forces alignment so they compromise and you get some compute

Stephen Roller (10/10/2022 21:07:47 PDT):
>Tho them forcefully taking 256 isn' t in line with cm3 who honestly behaved with constant learned helplessness

Stephen Roller (10/10/2022 21:08:32 PDT):
>It' s weird tho

Stephen Roller (10/10/2022 21:08:58 PDT):
>There is an enormous gap between Luke' s perceived power and his compute allocations

Susan Zhang (10/10/2022 21:09:06 PDT):
>lol that might've been my fault too

Susan Zhang (10/10/2022 21:09:16 PDT):
>told guillaume to fix his resourcing problem properly and here we are lmao

Stephen Roller (10/10/2022 21:09:27 PDT):
>Sigh

Stephen Roller (10/10/2022 21:09:32 PDT):
>You love goading

Susan Zhang (10/10/2022 21:09:36 PDT):
>lol

Stephen Roller (10/10/2022 21:09:42 PDT):
>It' s a character flaw really

Susan Zhang (10/10/2022 21:09:52 PDT):
>it's just a forcing function

Stephen Roller (10/10/2022 21:09:57 PDT):
>Not that I don' t have many

Susan Zhang (10/10/2022 21:10:00 PDT):
>speeding up the inevitable

Susan Zhang (10/10/2022 21:10:22 PDT):
>need the guise of collaboration lifted sooner rather than later

Stephen Roller (10/10/2022 21:10:24 PDT):
>Yeah but you often goad emotionally, not strategically

Susan Zhang (10/10/2022 21:10:38 PDT):
>lol wdym

Stephen Roller (10/10/2022 21:10:39 PDT):
>Which is fair for just speeding timelines

Susan Zhang (10/10/2022 21:11:20 PDT):
>what would be the alternative?

Susan Zhang (10/10/2022 21:11:26 PDT):
>wait for the coup to happen idly by?

Stephen Roller (10/10/2022 21:11:36 PDT):
>Lol the thing you hate the absolute most

Susan Zhang (10/10/2022 21:12:03 PDT):
>move silently?

Stephen Roller (10/10/2022 21:12:05 PDT):
>Stroking some male egos strategically so they don' t escalate

Susan Zhang (10/10/2022 21:12:12 PDT):
>LOL

Susan Zhang (10/10/2022 21:12:15 PDT):
>hahahahahahaha

Stephen Roller (10/10/2022 21:12:16 PDT):
>But eh

Stephen Roller (10/10/2022 21:12:22 PDT):
>I' ve given up on that

Susan Zhang (10/10/2022 21:12:27 PDT):
>hahahhahahahahahaha

Stephen Roller (10/10/2022 21:12:44 PDT):
>You are who you are and I' ll take the best with the worst

Susan Zhang (10/10/2022 21:13:45 PDT):
>my beef isn't with guillaume ;)

Stephen Roller (10/10/2022 21:14:02 PDT):
>Mhm

Stephen Roller (10/10/2022 21:14:23 PDT):

>Doesn' t help your case that it' s with one of our longest tenured directors 😂

Susan Zhang (10/10/2022 21:14:32 PDT):
>nah not him either

Stephen Roller (10/10/2022 21:14:39 PDT):
>???

Stephen Roller (10/10/2022 21:15:06 PDT):
>Christ you ever stfu about Armand and you' re gonna tell me he isn' t beef?'

Susan Zhang (10/10/2022 21:15:12 PDT):
>nah

Susan Zhang (10/10/2022 21:15:34 PDT):
>guillaume needs to be properly resourced anyway

Stephen Roller (10/10/2022 21:15:39 PDT):
>Then who is your beef plz ffs tell me so I can plan my reputations accordingly

Susan Zhang (10/10/2022 21:15:43 PDT):
>LOL

Stephen Roller (10/10/2022 21:15:46 PDT):
>Reparations*

Susan Zhang (10/10/2022 21:16:16 PDT):
>nah going to play this one closer to the chest your mouth has no guardrails lol

Stephen Roller (10/10/2022 21:17:27 PDT):
>Whatever

Stephen Roller (10/10/2022 21:17:32 PDT):
>You got no plan

Stephen Roller (10/10/2022 21:18:15 PDT):
>Idc

Stephen Roller (10/10/2022 21:18:38 PDT):
>Just try to give me heads up before I have a new enemy

Stephen Roller (10/10/2022 21:19:47 PDT):
>Enjoying the current break of left flanks

Susan Zhang (10/10/2022 21:20:38 PDT):
>lol no need to go there just because i won't tell you :)

Susan Zhang (10/10/2022 21:20:52 PDT):
>??

Stephen Roller (10/10/2022 21:20:59 PDT):
>Best laid plans

Stephen Roller (10/10/2022 21:21:11 PDT):
>I' m enjoying the relative quiet

Stephen Roller (10/10/2022 21:22:08 PDT):
>Would appreciate a mild heads up before I' m called to battle

Stephen Roller (10/10/2022 21:22:30 PDT):
>Since lol im not deviating from alliances

Susan Zhang (10/10/2022 21:22:32 PDT):
>nah i can't be seen as "putting people up to no good"

Susan Zhang (10/10/2022 21:22:42 PDT):
>or wherever my reputation is right now

Stephen Roller (10/10/2022 21:22:58 PDT):
>You think that' s your reputation?

Susan Zhang (10/10/2022 21:23:04 PDT):
>kim talked to me about owning my narrative and watching what people say about be behind closed doors

Susan Zhang (10/10/2022 21:23:16 PDT):
>what's my reputation? :)

Stephen Roller (10/10/2022 21:23:25 PDT):
>Stubborn af

Stephen Roller (10/10/2022 21:23:36 PDT):
>Stubborn and right

Stephen Roller (10/10/2022 21:23:57 PDT):
>And uh

Stephen Roller (10/10/2022 21:24:17 PDT):
>A poor ability to navigate corporate speak

Susan Zhang (10/10/2022 21:24:21 PDT):
>hahahahah

Stephen Roller (10/10/2022 21:24:21 PDT):
>Tbh

Stephen Roller (10/10/2022 21:25:00 PDT):
>Idk

Stephen Roller (10/10/2022 21:25:10 PDT):
>That' s my perception

Stephen Roller (10/10/2022 21:25:15 PDT):
>Not the perception of you

Susan Zhang (10/10/2022 21:25:27 PDT):
>what's the diff

Stephen Roller (10/10/2022 21:25:41 PDT):
>However far I am off from reality lol

Stephen Roller (10/10/2022 21:25:58 PDT):
>But I like my perception, good with the bad

Stephen Roller (10/10/2022 21:26:44 PDT):
>Like I can speak for the general populace anyway

Stephen Roller (10/10/2022 21:28:29 PDT):
>If this hits too deep consider that your feedback of speak up more is emotionally met with "nah I will pick my moments very carefull

Stephen Roller (10/10/2022 21:29:53 PDT):
>Lol I' m digging myself into a hole

Susan Zhang (10/10/2022 21:30:26 PDT):
>i mean i did call out your justification of being discretionary here as a source of value

Susan Zhang (10/10/2022 21:30:40 PDT):
>or rather - something like having more value if rarely used

Stephen Roller (10/10/2022 21:30:41 PDT):
>You did

Susan Zhang (10/10/2022 21:30:53 PDT):
>but not sure if you're really that rare lol

Stephen Roller (10/10/2022 21:31:22 PDT):
>I' m not

Stephen Roller (10/10/2022 21:31:27 PDT):
>I' m very loud

Stephen Roller (10/10/2022 21:32:12 PDT):

>But slightly less loud than you lol

Stephen Roller (10/10/2022 21:32:24 PDT):
>I wouldn' t trade you for anyone tho so

Susan Zhang (10/10/2022 21:32:54 PDT):
>gee thanks

Stephen Roller (10/10/2022 21:34:49 PDT):
>Lmao

Stephen Roller (10/10/2022 21:35:25 PDT):
>Whatever

Stephen Roller (10/10/2022 21:35:37 PDT):
>We' re each other' s longest remaining Allie' s

Stephen Roller (10/10/2022 21:36:15 PDT):
>We' ll tease each other all the same

Stephen Roller (10/10/2022 21:42:02 PDT):
>Alright. But

Stephen Roller (10/10/2022 21:42:03 PDT):
>Good vibes before Antoine tomorrow

Stephen Roller (10/10/2022 21:42:07 PDT):
>Let' s get it out now

Susan Zhang (10/10/2022 21:44:15 PDT):
>get what out

Susan Zhang (10/10/2022 21:45:25 PDT):
>but ok on this front - one of the longest tenured directors is telling the story that i'm going around interfering with workloads willy nilly? cmon now

Susan Zhang (10/10/2022 21:45:54 PDT):
>that was a problem precisely because of his seniority and influence -_-

Susan Zhang (10/10/2022 21:46:06 PDT):
>his ego didn't need to be stroked

Stephen Roller (10/10/2022 21:46:33 PDT):
>God I love you

Stephen Roller (10/10/2022 21:47:07 PDT):
>Always eager

Stephen Roller (10/10/2022 21:47:49 PDT):
>Reminds me how I got here and what I need to do

Susan Zhang (10/10/2022 21:48:29 PDT):
>lolwat

Stephen Roller (10/10/2022 21:50:15 PDT):
>Ready to give citation armed nettles where we need

Stephen Roller (10/10/2022 21:50:21 PDT):
>LFG

Stephen Roller (10/10/2022 21:50:43 PDT):
>Battles*

Susan Zhang (10/10/2022 21:51:30 PDT):
>lol tmrw?

Stephen Roller (10/10/2022 21:51:48 PDT):
>I was but apparently in a week

Susan Zhang (10/10/2022 21:52:20 PDT):
>yeah you forgot what tmrw is now

Stephen Roller (10/10/2022 21:52:51 PDT):
>It' s koom by ya

Stephen Roller (10/10/2022 21:52:59 PDT):
>However that' s spelled

Susan Zhang (10/10/2022 21:53:44 PDT):
>omg -_-

Susan Zhang (10/10/2022 21:53:57 PDT):
>kumbaya -_-

Susan Zhang (10/10/2022 21:53:59 PDT):
>yucca

Susan Zhang (10/10/2022 21:54:05 PDT):
>-_-

Stephen Roller (10/10/2022 21:54:12 PDT):
>Whatever hippie bullsjit

Stephen Roller (10/10/2022 21:55:01 PDT):
>It' s funny how highly educated I am eh?

Susan Zhang (10/10/2022 22:20:13 PDT):
>lol

Susan Zhang (10/10/2022 22:20:16 PDT):
>us vs emeal

Susan Zhang (10/10/2022 22:20:18 PDT):
>emea*

Susan Zhang (10/10/2022 22:20:26 PDT):
>is literally wide learning vs deep learning lmao