



- [Home](#)
- [About Bob](#)
- [Breaking News](#)
- [Business](#)
- [Technology](#)
- [Government](#)
- [Predictions](#)
- [Terms](#)

[Go to...](#)

[Go to...](#)

[Previous](#) [Next](#)

10 years later Fukushima Daiichi still melts down my heart



Ten years ago this month, 22,000 Japanese citizens died in a huge tsunami that also caused the second-worst nuclear accident in history at the Fukushima Daiichi nuclear power facility. Because I know about nuclear safety, I wrote a total of four columns about the accident in the month that followed. You can read them in order [here](#), [here](#), [here](#) and [here](#).

When I wrote within hours of the accident that none of the 11 reactors would *ever* operate again, I was the sole voice *on the planet* saying so out loud. Read the comments and you'll see I took some flak for that, but 10 years later I was right. None of the 11 reactors will ever run again and it will take at least another 30 years to clean up the site.

I know what I am writing about when it comes to this subject.

I avoided writing again about Fukushima Daiichi because it seemed so pointless. As two of the columns mentioned, I tried to help at the time, but was ignored. With 20+ years of doing business in Japan, I still couldn't break through the cultural barrier that protects big Japanese companies from being held responsible for their actions.

The long-term technical problem at Fukushima Daiichi 10 years ago and today is the same — getting rid of contaminated cooling water. Billions of gallons of radioactive water are still being held in thousands of tanks on the site — tanks that we are now told will overflow in 2022. The only answer the Tokyo Electric Power Company (TEPCO) has for this is to begin controlled releases of radioactive water into the sea. That in itself is a misnomer since water releases have been happening throughout. It's just the worst water that is being stored.

I presented an idea a decade ago for processing that radioactive water using microbial mats literally grown on the site for that purpose. It's in one of the columns. TEPCO ignored me, preferring French technology at the time that was much more complex, expensive, and failed almost immediately.

The U.S. Department of State made some attempt to help me break through, but they, too, were ignored.

That cheap method of processing the water could still be done, but it probably won't be. And that's why, after 20 years doing business in Japan, I walked away in 2011. I've never been back...

Now a little housekeeping. My 2021 prediction columns are finished for now. My next column will be, believe it or not, a book review, which is something I don't do very often but this book is important. And the column after that will be my long awaited Mineserver update.

Save your ammo for that one.

By [Robert X. Cringely](#) | March 26th, 2021 | [2021](#), [Business](#), [Government](#), [Health](#), [nuclear safety](#) | [134 Comments](#)

134

Comments



1.

Chillezee March 26, 2021 at 3:45 am

Cringely – Jack of all trades, master of none!



2.

Hamish March 26, 2021 at 3:56 am

I was happy to support the Cringely family with their mineserver project. If I never saw one, but I was able to support Bob and his boys that was fine by me. Just a way of thanking Bob for his interesting columns.

Hope you are all doing well in these interesting times.



3.

James Coleman March 26, 2021 at 4:05 am

Haters gotta hate.



4.

wwwpirate March 26, 2021 at 5:16 am

Bob have you ever seen big name movie star wearing no name designer dress to Oscar, Grammy Awards, The Met Gala ? Of course not they always go with proven big name designer dress. Same is with big corporations. They won't loose their time on some startup unproven technology they will go with something that is proven to work or some trusted name. You really thought you got any chance to prove your technology at Fukushima ?



o

Andy March 26, 2021 at 7:54 am

But it didn't work!



■

wwwpirate March 31, 2021 at 6:52 am

Read again – French company failed not Bob's



5.

Edmund March 26, 2021 at 5:18 am

I'm sorry to hear that Fukushima still affects you – I thought your opinions were accurate at the time but the fact is that we, as a human race, are just children wandering about the planets surface. We post on Fakebook that we are an intelligent species but it's just an opinion with no evidence. Fukushima and many other incidents illustrate this and while we know about other potential risks like COVID-20 or a new Carrington event, we are not thinking about them. But there's a sliver lining to every cloud, I wonder what a Carrington event would do to Google, Facebook, Twitter etc, are they even considering it?



o **Gnarfle** March 26, 2021 at 5:33 am

That is sooooo funny!

About 14 years ago, a local science museum had a traveling sideshow about the human body, IIRC. I'm sure there were multiple instances of this across the U.S. because basically it was a huge advertisement for some German company whose name I cannot recall. They paid for the installation and the maintenance of this sideshow. It was in place for 6 months, maybe. Took my son. It was too boring to be of any interest to him. So he ran around and played with the other exhibits. I walked through the entire thing. It was supposed to be narrated. But no one was manning the booth to provide you with the headset or cassette or whatever-net, that day, so I ended up reading most of the display cards. I remember reading the display about the human brain. It was their claim that the human brain was the most complex thing in the universe. Huh? These monkey brains hardly work at all. And mostly they dump chemicals into various systems to make you feel more important than you actually are. The most complex thing in the universe? Not in my experience.



o **Gnarfle** March 26, 2021 at 5:36 am

Carrington. Blake Carrington.



▪ **wwwpirate** March 26, 2021 at 7:54 am

No

Richard Carrington

<https://www.history.com/news/a-perfect-solar-superstorm-the-1859-carrington-event>

<https://spaceweatherarchive.com/2020/08/30/a-warning-from-history-the-carrington-event-was-not-unique/>



▪ **Christopher Pearman** March 26, 2021 at 5:22 pm

Thanks for the laugh! LOL! :-)!



▪ **Gnarfle** May 30, 2021 at 10:45 am

Not many people realise that fixing something involves magic. You have to say the right swear words in the right order with the right cadence at the right time. Get the incantation wrong and bad things will happen.



▪ **Gnarfle** May 30, 2021 at 10:46 am

Not many people realise that fixing something involves magic. You have to say the right swear words in the right order with the right cadence at the right time. Get the incantation wrong and bad things will happen.



6. **Dr John** March 26, 2021 at 6:27 am

70 days from the promised Mineserver update and today.

70 days, minus the 7 to 10 days promised, 60 days over due.

And he still delays.

Another month before he posts an update? Credibility is at an all time low.



o

John Light March 26, 2021 at 8:04 am

Still off your meds?



o

yorik March 26, 2021 at 3:10 pm

Please get some help.



7.

AH March 26, 2021 at 9:08 am

Alas, to be a prophet who is ignored... You should change the name of your column to I, Cassandra. Maybe you can use your seer-like ability to help society recover from the effects of the pandemic



o

Gnarfle March 26, 2021 at 9:34 am

Truly, an honor without profit.



8.

Jeremy Reimer March 26, 2021 at 9:38 am

"Save your ammo for that one."

Okay.



9.

GreenWyvern March 26, 2021 at 10:36 am

Bob conveniently left out his column about the molten uranium sinking through to the Earth's core:

<https://www.cringely.com/2017/02/16/no-fracking-way-fukushima-daiichi-worse-ever/>

"I tried to help at the time, but was ignored."

I can hardly believe they would ignore such a highly qualified and experienced world-class expert! Especially when he, alone in the world, has the solution to all their problems!

ROFL

(You can't say that Bob isn't entertaining.)



Questionable_PhD April 1, 2021 at 1:08 pm

This 2017-vintage link was not mine, but seems appropriate to revisit here.

<https://www.facebook.com/493843777362196/photos/a.493867307359843.1073741828.493843777362196/1266205760125990/>



10.

FormerTXIBMer March 26, 2021 at 11:02 am

I had all but forgotten about the Tsunami and Fukushima, but I like to focus on current events like the big ship blocking the Suez Canal. Since you guys are a bunch of engineers on here, let me throw out an idea.

After watching a large piece of digging equipment "push" the ship off shore on Reddit was to use the Sikorsky double blade helicopters to lift containers off the boat to either port, or onto the shore where they could be returned to the ship at port. . It was actually quite humorous, given the scale of the ship against the digging equipment, which I'm sure was the largest they could find.

Then I shifted my thoughts to flooding the canal to "float the boat".

Then I came to my 3rd idea, which I think might be "the winner". What if we hooked lines from the end of the ship to Harrier jets, to apply opposing forces at each end of the ship to "rotate" the ship back into the canal? Can the Harriers generate enough forward force, one or two at each end. to rotate the boat?

Seems like a lot better solution than what they are doing now.



GreenWyvern March 26, 2021 at 11:32 am

The digger wasn't pushing the ship, it was excavating the sand on the bank.

Flooding the canal. LOL! Have you actually looked at photos of the area? It's as flat as a pancake, and the banks are barely above water level. Water from where, seeing as it's at sea level throughout, and 120 miles long?

Taking off containers – they may have to do that if removing the fuel oil and ballast and excavating the sand doesn't work, but with 20,000 containers how long will it take to move even 10%, or 2,000?

Harriers – would probably generate only a tiny fraction of the force of a large tugboat, which about 60 tons.

Last but not least... don't assume that top experts who have spent decades dealing with ship accidents are stupid.



wwwpirate March 26, 2021 at 12:33 pm

The ship is 400 metres (1,300ft) long, wedged diagonally across a canal not much more than 200 metres (656ft) wide. I used to work on super tankers. They were all sister ships 1000 ft and we passed thru Suez Canal many times when empty heading to Persian Gulf. On the way from Persian Gulf loaded with crude oil we could not use Suez Canal but sail all the way around Cape of Good Hope. Suez Canal used to be a desert so if something goes wrong you are really stuck into sand. There is pilot on board but captain takes responsibility (if pilot does it would be too expensive).

One of the problem that started in the 90s is that nowadays there is just not enough people on board the ship. We had full crew on supertankers (all 1000 feet long) of 32 – minimum was at least 28. These mega container ships which are even 300 feet longer have 10-15 so they do just the job, there is absolutely no maintenance done and if something happens just wait for a help.

At the end just about everything will be paid by insurance companies so it is not big deal really.



yorik March 26, 2021 at 3:12 pm

I'm more worried about the GPS spoofing that might have caused the accident.



o

wwwpirate March 26, 2021 at 8:05 pm

<https://www.popularmechanics.com/technology/infrastructure/a35925244/suez-canal-blocked-ever-given-ship-stuck/>



11.

Neticis March 26, 2021 at 11:27 am

10 years after Fukushima accident some are still fearmongering about it.

If you really are interested about it, read investigation report: <http://www.unscear.org/unscear/en/fukushima.html> and watch <https://www.youtube.com/watch?v=g7j1Z5VC8IU>



12.

wwwpirate March 26, 2021 at 5:14 pm

GPS is used for ocean navigation almost only for that. All canals like Suez Canal, Panama Canal, any canal are marked with buoys with numbers on them and you just go from one buoy to another and when you come close you see number on it and that is where you are. You have to use buoys because they also mark the depth that is safe for sailing just keep between 2 buoys.

When you are close to land you use radar to get position – get bearing and distance from the object like lighthouse that is on the chart and that is where you are.

GPS is great substitute for sextant not for eyes and radar.



o

wwwpirate March 26, 2021 at 5:16 pm

@yorik

This comment above was supposed to be below your reply but something went wrong.



13.

GreenWyvern March 27, 2021 at 1:59 am

On the Ever Given: This video has by far the best information I've seen to date.

<https://youtu.be/Yzdxnuk-2pM?t=253>

It's from gCaptain founder and CEO John Konrad. He apologizes at the beginning for the amateurish quality of the video ("I am not a YouTube star") – but he knows his shit.

Info I haven't seen elsewhere: the forward void space and bow thrusters are flooding.

It's a long video, but essential watching to understand the situation, especially the later parts where he talks about issues with the steel of the hull twisting and buckling.



o

Ronc March 27, 2021 at 8:32 pm

https://en.wikipedia.org/wiki/Ever_Given



14.

W Smith March 27, 2021 at 7:01 am

Looking forward to the Mineserver update column. The comments section is gonna be great.



o

GreenWyvern March 27, 2021 at 10:08 am

Don't hold your breath.

Translated from Cringely-speak, "the column after next" means "at some unspecified time, far in the future – but don't count on it".



■

Freeman April 8, 2021 at 6:28 pm

C'mon man, we all know "Mineserver Column Coming Soon" is nothing but Cringe-trolling to get a reaction in hopes of making the 'haters' seem like the unreasonable ones. Just another tease he's been carrying on for years now. He'll probably never do another Mineserver update, but even if he does we all know it will be a pointless steaming pile of horse pucky excuses and projection. One thing for sure, he'll never ship a Mineserver, and who even cares anymore? But he sure does seem to enjoy poking the bear!

Shoulda been a televangelist – he's got the integrity for it. Probably would have made a lot more money too – that sucker pool is infinitely more immense than kickstarter!



o

Alan March 29, 2021 at 8:27 am

It's going to be such a joke piece, where Bob takes on the role of saint against an unruly mob who couldn't appreciate the hard work he was doing; Every hurdle he faced became insurmountable because of the pitch forks; He was constantly on the verge of greatness with the product, but life kept throwing wrenches into his plans at the 11th hour; He had/has the greatest solution to salvage the product, but can't talk about it because "investors".

It's a tired narrative that the casual readers eat up and the rest of us can see it for the false narrative that it is. Nothing useful is going to come out of that article other than solidifying that Bob can't check his ego at the door and apologize to the backers. Backers that he is still ignoring on the KS site, all of whom just want closure. Not a product, just for him to officially close the door. But unfortunately Bob is adamant that there IS always hope. Just do us all a favor and put an end to this madness...



15.

trashtalk March 27, 2021 at 9:35 am

Oh no not another attempt to rehash old material and kick the can down the road. I'm sure it will be a very "important" book review like the "predictions". I'm totally panting with anticipation. /sarcasm



o

Howard March 29, 2021 at 10:43 pm

Trashbot – you forgot to tell us this poat is too America-centric, needs international perspective. And you didn't mention being an escort! I think you need a reboot to your software. And that's not a euphemism.



16.

trashtalk March 28, 2021 at 7:13 pm

bump

.
lol



o

Ronc March 28, 2021 at 8:07 pm

"Likely emerging in the mid to late 1990s with the rise of online message boards, bump is popularly said to be a backronym for the phrase "bring up my post." The term, however, may have also simply originated as an extension of the word bump (i.e., give something a bump, or boost)."

Where does bump come from? <https://www.dictionary.com/browse/bump>



■

Gnarfle April 8, 2021 at 4:19 am

Hey! RONC!

Where does bump come from? <https://www.dictionary.com/browse/bump>

It was a dance in the 1970s.



■

Gnarfle April 8, 2021 at 4:21 am

[https://en.wikipedia.org/wiki/Bump_\(dance\)](https://en.wikipedia.org/wiki/Bump_(dance))



17.

URGH March 29, 2021 at 12:17 pm

Am I the only one who does not even bother with the post and goes straight into the comment section to see cringely get ripped a new one?



o

Ronc March 29, 2021 at 8:25 pm

Yes



o

No March 30, 2021 at 1:45 pm

No



18.

Darth No March 30, 2021 at 2:06 pm

[nooooooooooooooooo](#)



o

Darth Fix March 31, 2021 at 8:52 am

I'm being presumptuous and assuming you meant something like this?

[nooooooooooooooooo](#)



19.

Gnarfle March 31, 2021 at 9:06 am

Well, ya gotta admit . . . most times the commentary threads are much more illuminating than the actual "think" piece. "Laugh-a while you can-a, monkey-boy!"



20.

True Rock March 31, 2021 at 10:14 am

Thank you Neticis for the excellent link.

For those who do not want to read all 243 pages of that report, I have selected the most pertinent paragraph:

<http://www.unscear.org/unscear/en/fukushima.html>

UNSCEAR 2020 Report

Section IX. Conclusions

Page 107, Paragraph 267, Sub-paragraph (q)

No adverse health effects among Fukushima residents have been documented that are directly attributable to radiation exposure from the FDNPS accident. The Committee's revised estimates of dose are such that future radiation-associated health effects are unlikely to be discernible. The Committee believes that, on the balance of available evidence, the large increase, relative to that expected, in the number of thyroid cancers detected among exposed children is not the result of radiation exposure. Rather, they are the result of ultrasensitive screening procedures that have revealed the prevalence of thyroid abnormalities in the population not previously recognized. An increase in the incidence of cancers is unlikely to be discernible in workers for leukaemia, total solid cancers or thyroid cancer. The Committee has insufficient information to reach an informed judgement on the risk of cataracts;



21.

George April 1, 2021 at 1:05 pm

I lowkey was hoping Bob would post something "serious" about the Mineserver today on April Fools with apologies and the like with no expectation of sincerity on his part but given the optics that it could be heartfelt to passersby. I guess even he has standards for what would be deemed too below the belt...



22.

Gnarfle April 2, 2021 at 4:46 am

I seem to recall John Dvorak doing a column about "hackers" being able to take over your printer and re-write the firmware to do whatever they wanted. That was more than 20 years ago. The column date was April 1. I remember taking it seriously until I saw that. But maybe it was prescient.



o

URGH April 8, 2021 at 3:34 am

Nowadays, they actually can do so, as hardware running underlying OS became robust enough.



23.

Gnarfle April 2, 2021 at 4:48 am

<https://uk.pcmag.com/internet-3/16406/the-end-fools-day>



24.

Radical Raul April 2, 2021 at 9:12 am

James Douglas Morrison was also right on many, many, levels.

Not to touch the Earth
Not to touch the Sun
Nothing left to do but run, run, run

Let's run!!!



o

Gnarfle April 2, 2021 at 4:30 pm

Day destroys the night; night divides the day! Try to run! Try to hide! Break on through to the other side!



o

Anon Y. Mouse April 16, 2021 at 8:48 pm

The human race was dying out
No one left to scream and shout
People walking on the moon
Smog will get you pretty soon



25.

colin campbell April 2, 2021 at 4:01 pm

The second-worst nuclear accident in history? One in which nobody died or got sick from radiation? What are the parameters for "worst?"

In the Kyshtym disaster of September 29, 1957, the estimated death toll ranged from 50 to 9,000. Ask the Soviets for the true count. Wiki lists ten nuclear accidents in which five or more people died.



26.

Ronc April 2, 2021 at 8:20 pm

Looks like 4K, 8K and Blu-ray are less popular than SD:

<https://www.flatpanelshd.com/news.php?subaction=showfull&id=1617254102>



o

wwwpirate April 3, 2021 at 4:54 am

<https://www.experienceuhd.com/blog/can-human-eye-see-difference-between-1080p-and-4k#:~:text=So%20yes%2C%20despite%20the%20rumors.that%20screen%20when%20watching%20it.>

HD is what human eye can see under normal conditions everything else is overkill.

Same with CDs. I remember when Sony started Super Audio CDs and nobody wanted to buy it because even CDs have better frequency range than human ear.



o

Gnarfle April 3, 2021 at 6:00 am

That seems to be true. I bought a couple of Samsung Blu-Ray players from a warehouse store several years ago when the priced dropped below 80 bucks. They have fancy software that I never use. I compare price between DVD and BR. I buy whichever disc seems to offer the most BANG for the BUCK!

I only buy a TV to replace a malfunctioning or damaged one. I wish I still had my original 720P. My son threw something at it and shattered the screen. The irony is that my old 25 inch CRT RCA lasted close to 25 years.

I had a repair guy who could repair almost anything electronic. He had a CRT SONY that he'd kept functioning for more than 50 years. I think he may have retired. Its tough to be Muslim in a world that suspects you're a terrorist. He operated a business at a specific location for more than 30 years. One day, property management told him he had to leave. He had



08/13/2023 02:18 PM

Who gives a shit? More people died in coal mines and air pollution and radiation from coal powerstation exhaust. The risk analysis argument not to mention technology and potential technologies moved on years ago.

Do I care what Mark Stephen's (aka cringely) book review is? No. He could produce a gem of a book and publish the definitive must-read review and I still wouldn't care. He flushed his reputation and any goodwill down the drain a long time ago.



o

[Gnarfle](#) April 3, 2021 at 6:52 am

Have you considered writing The Art of Whore?



28.

Ronc April 3, 2021 at 8:18 pm

Re: "this book is important".
But apparently not important enough to tell us the title.



o

[Gnarfle](#) April 6, 2021 at 3:20 pm

Perhaps the title is something along the lines of THIS BOOK IS IMPORTANT!



29.

trashtalk April 4, 2021 at 10:19 am

@gnarfle

I have no interest in writing a book. When I am not whoring I am doing other things. Writing a book would be a slice of my life I will never get back. I could write a book but you would never recognise it as a book about whoring. That might interest me more but even then I lack motivation.

Believe it or not whores are people too. I'm interested in lots of things and enjoy the normal simple pleasures any other decent and healthy person does. I'm not just a warm **** on a pair of legs.



o

[Gnarfle](#) April 4, 2021 at 4:37 pm

I was thinking it was an obvious pun.



Howard April 8, 2021 at 8:44 am

I thought it was clever. But hey, that's just me. And Gnarfle.

Trashtalk – to your point, that your book would be about your industry without it being obvious, reminds me of the Freakonomics books and blog. They pointed out similarities between the escort business and, for example, shopping mall Santas.



30.

trashtalk April 4, 2021 at 5:25 pm

@Gnarfle

I saw something in it but not enough to penetrate the brain fog. I'm just a bit numbed out this past week from how intensely

clients just after me. It's been a year of mostly nothing but when I have seen a client the contrast nob has been turned up a bit and they are throwing money at me. From a business point of view this is nothing to complain about.



o

Gnarlfe April 4, 2021 at 6:43 pm

Brain fog and I are well acquainted.



o

claudio balzac April 5, 2021 at 3:09 pm

@trashtalk

Whoring, much like pimpin' aint easy!



■

claudio balzac April 5, 2021 at 3:10 pm

forgot the link... I was distracted by something.

<https://www.youtube.com/watch?v=KGRoEfRJSGs>



31.

trashtalk April 5, 2021 at 4:11 pm

@Claude Balzac

There's nothing easy about whoring. Most clued up sex workers are independent. I wouldn't touch a pimp in a million years. There are no agencies worth the bother except the rare agency run by an ex sex worker and even then I would want to know what the value proposition is among other things. Nobody but a whore knows what that discussion would be about and it's nothing you share with the public or clients. You know or you don't. Model agencies and even basic employment agencies can be equally problematic for lots of not unrelated reasons.

Whores can be expensive but cheaper than a divorce or hiring amateurs as the current Prime Minister is discovering. And the sex? If the feelz are there I'll drain your nuts as dry as the Sahara.



o

Claude's Paralegal April 6, 2021 at 9:52 am

@trashtalk Your response starts out like you're correcting @Claude Balzac, but they seemed to be in agreement and imply that whoring is NOT easy. Their sentence could probably use another comma to read: whoring, like pimping, ain't easy (read as neither are easy).



■

claudio balzac April 6, 2021 at 10:09 am

Once again @Claude's Paralegal you've crystallized my thoughts quite succinctly.



o

URGH April 8, 2021 at 3:36 am

>if

Lolwhat.



o

Howard April 8, 2021 at 8:55 am

Reminds me of this exchange in the show Firefly:

.....
 Inara Serra: A companion chooses her own clients. That's guild law. But physical appearance doesn't matter so terribly. You look for a compatibility of spirit... There's an energy about a person that's difficult to hide. You try to feel that...

.....
 Mal: [walks in] And then you try to feel the energy of their credit account. It has a sort of "aura"...

.....
 Great show.



■

Gnarfle April 8, 2021 at 4:07 pm

I'll be in my bunk.



32.

trashtalk April 6, 2021 at 3:45 pm

Most pimps like most agencies don't do much if any work and add very little value or sometimes negative value. Ultimately even in a brothel the sex worker has final say. Any intelligent sex worker is an independent. This way you control your own branding and clients lists and don't pay money to a nobody who does nothing and who you don't want running your affairs.



o

claude balzac April 6, 2021 at 4:36 pm

@Trashtalk

Go home you're a drunken bot...



o

nerdpocalypse May 22, 2021 at 12:24 pm

Yes, pimps DO very little. And yet... the largest brothel/pimp bust (DD+?) near here had the pimp put away essentially forever and none of the sex workers were caught up in it. (priceless). Likewise, the Medical Director of a Pharmaceutical firm makes no decisions to go/no go, but as the show-runner of Prozac—Dr. Leigh Thompson—said, "he is the Vice President in charge of being arrested". To bring this all back ON TOPIC... there is not necessarily someone who is supposed to fall on their sword. For all the footage of Japanese executives ceremonially bonking their heads onto desks with SUMIMASEN GAZAIMASU! That's all they do and even that is pretty uncommon.



33.

trashtalk April 6, 2021 at 11:33 pm

It sounds like I struck a nerve. You can't afford me anyway.



o

Fairest of them All April 7, 2021 at 10:00 am

Hold on, @trashtalk, let me hold up a mirror so you can repeat that line. The target audience missed hearing it.



o

claudio balzac April 7, 2021 at 10:23 am

@Trashtalk

Yep, I cant afford a faux British elderly transvestite that believes he's a highly desired high class whore.

**Gnarfile** April 13, 2021 at 9:38 am

How dare you talk about Prince Philip that way!

**claudio balzac** April 14, 2021 at 10:41 am

Nice one!



o

claudio balzac April 9, 2021 at 10:34 am

@trashtalk

Your sexy talk about how your clients lust after you has piqued my interest.
Where could a well heeled gentleman gaze upon a sample of your merchandise? Everyone and his sister/wife/cousin has an OnlyFans account. Asking for a friend since I cant afford you. (interesting marketing ploy pre-judging potential wealthy customers by comments on a wordpress page.)



34.

trashtalk April 7, 2021 at 1:09 pm

I think you have me confused with someone else but either way your comment is malicious and actionable. What you believe or don't believe or do or don't do is on you. I'm not even angry if that's what you want. I just think you're a bit sad.



35.

Gnarfile April 7, 2021 at 4:38 pm

Hey! Ball-Sack! Are you, by chance, a Ballchinian? How CLAUDE are they?



36.

Howard April 8, 2021 at 9:06 am

This recent post seems to be right up Cringely's alley ...

A Good Explanation of the Semiconductor Shortage

<https://www.battleswarmblog.com/?p=47755>

A semiconductor shortage has been plaguing the automobile industry for several months, and this piece explains why:

... To understand why the \$450 billion semiconductor industry
... has lurched into crisis, a helpful place to start is a one-dollar
... part called a display driver.

Correction: The semiconductor industry itself isn't in crisis, it's making money hand-over-fist right now. It's certain industries relying on semiconductors that have the problem.

(Howard again) The writer discusses how the ecosystem of plants are dealing with disruptions, especially pandemic-driven supply-chain issues, with various explanations of four-inch wafer vs eight- vs twelve- in terms of production, 500 nanometers vs 50 or 12 or 5, etc. (anyway, back to the writer)

The other problem is the extremely cyclical nature of the semiconductor industry. In booms, fabs make money hand over fist. During busts, some segments (like RAM) barely break even. The foundry model has smoothed the spikes out somewhat, but as the current shortage shows, not entirely.

Just-In-Time delivery was one of the great disruptive business innovations. Leaner, more tightly-coupled computerized inventory lead to decreases in unused parts and faster times to market. But when there's a hiccup in the supply chain, it makes it more immediately disruptive. It's hard to obtain additional semiconductor parts if everyone's fab is already at full capacity, so expect shortages to extend into the year.



37.

Dr John April 12, 2021 at 4:43 am

17 days since this article was published promising a book review, before finally giving that Mineserver update.

87 days since an update on the Mineserver was originally promised.

Not to mention that the predictions over-ran in to the year so far they were history and never predictive!



38.

Gnarfle April 12, 2021 at 4:51 am

I predict that some of the people are disgruntled some of the time, some of the people are disgruntled all of the time but all of the people aren't disgruntled all of the time.

— Abraham Lincoln quoting Monty Python



o

Wile E Coyote April 12, 2021 at 4:29 pm

@Gnarfle: "I sentence you to be hanged by the neck... until you cheer up!"



■

Gnarfle April 12, 2021 at 5:36 pm

<https://www.youtube.com/watch?v=GNtw0izLMC>



■

Gnarfle April 12, 2021 at 5:39 pm

Wouldn't it be cool if I knew what I was doing?
haha



■

Ronc April 12, 2021 at 8:38 pm

"Video unavailable"



■ [Gnarfle](#) April 13, 2021 at 2:35 am

I know. See the above comment below the link.
Wouldn't it just?



■ [Gnarfle](#) April 13, 2021 at 3:35 am

Hey, RONC! My research indicates that perhaps someone at YOUTUBE does not allow sharing a link to a video.



■ [Gnarfle](#) April 13, 2021 at 2:38 am

Well, the devil got my number
And the devil got my size
And the devil got my head
And the devil got my eyes
I'ma tryin' hard to get up
Lest he make it to my heart
'Cause I wanna make it back
From the dark, dark, dark
A ha-ha, yeah, and a ha-ha, yeah
Well, a ha-ha, yeah, and a ha-ha, yeah
A ha-ha-ha, yeah, and a ha-ha, yeah
A ha-ha, yeah, and a-ha
It used to be
It was just my house
And it used to be
It was just my tongue
But the devil's caught on
Like the teeth of a shark
And I wanna make it make it back
From the dark, dark, dark
Oh, woe is me indeed and the woe is me indeed
Oh, woe is me indeed and woe is me, indeed
Oh, woe is me indeed and the woe is me indeed
Oh, woe is me indeed and woe
See the devil got my address
See the devil got my car
And the devil ain't no novice
And the devil ain't no liar
I'ma tryin' hard to get up
But he made it to my heart
So I cannot make it back
From the dark, dark, dark

Songwriters: Eric Elbogen
Devils Lyrics © Euphobia Music



■ [Gnarfle](#) April 13, 2021 at 4:13 am

<https://www.youtube.com/watch?v=LxMA5UXLW2Y>



39.

Gnarfle April 12, 2021 at 4:55 am

At last! Proof that Donald Trump is NOT of this earth!

Ripley: How do we kill it, Ash? There's gotta be a way of killing it. How? How do we do it?

Ash: You can't.

Parker: That's bullshit.

Ash: You still don't understand what you're dealing with, do you? The perfect organism. Its structural perfection is matched only by its hostility.

Lambert: You admire it.

Ash: I admire its purity. A survivor... unclouded by conscience, remorse, or delusions of morality.

Parker: Look, I am... I've heard enough of this, and I'm asking you to pull the plug.

[Ripley goes to disconnect Ash, who interrupts]

Ash: Last word.

Ripley: What?

Ash: I can't lie to you about your chances, but... you have my sympathies.



40.

Gnarfle April 13, 2021 at 3:31 am

<https://www.wired.com/story/namewreck-iot-vulnerabilities-tcpip-millions-devices/>



41.

trashtalk April 14, 2021 at 5:06 am

Interesting article on brain fog. It gets a bit sciency.

<https://www.theguardian.com/lifeandstyle/2021/apr/14/brain-fog-how-trauma-uncertainty-and-isolation-have-affected-our-minds-and-memory>



42.

Gnarfle April 14, 2021 at 7:35 am

The B M has finally passed. ALL things must pass!



43.

trashtalk April 14, 2021 at 9:39 am

@gnarfle

Next time chew before you swallow!



o

Gnarfle April 14, 2021 at 2:21 pm

I was hoping folks would realize I was referring to BERNIE MADOFF.
Thanks for playing!

That's concentrated evil. One drop of that could turn you all into hermit crabs!



44.

trashtalk April 14, 2021 at 6:31 pm

The energy used by Bitcoin is now greater than the energy produced by every solar panel in the world wiping out all the progress to combat global warming. I predict bitcoin or Bitcoin "as is" is going to be banned within the next 1-3 years. Anyone with more than 5-15% of their investment portfolio in high risk assets including Bitcoin is cruising for a bruising.



o

Ronald Cerrato April 15, 2021 at 8:21 pm

"On the other side of the debate, research by ARK Investment Management found the Bitcoin ecosystem consumes less than 10% of the energy required for the traditional banking system."

<https://techcrunch.com/2021/03/21/the-debate-about-cryptocurrency-and-energy-consumption/>

**GreenWyvern** April 16, 2021 at 10:41 am

Wow! Is that comparison supposed to be good? I find it horrendously bad.

The banking system is a vastly complicated system offering a huge variety of services to billions of people. Bitcoin is a relatively simple and very limited system offering a specialised service to a few million people at most.

If Bitcoin is using as much as 10% of the energy of the traditional banking system, when it handles probably 0.00001% of all financial transactions, then it's abysmally, horribly inefficient. Far worse than I thought.



45.

trashtalk April 16, 2021 at 8:21 am

@Ron

I'm not sure the article is comparing like with like. The energy cost per transaction is a lot lower with traditional banking than Bitcoin. They sound like they are comparing the cost of Bitcoin to the entire banking system which will include lots of other functions and overheads. Many of the additional energy costs of banking would have to happen anyway as whether in employment at an office or wherever, or idling around at home picking bogies out of their nostrils people normally wouldn't sit around with the lights off.

Even if cryptocurrencies switched to something more useful like protein folding or whatever the energy cost per transaction would still be higher than a dedicated supercomputer.

I'm not sure I buy the "but they're using hydropower which would go unused" argument. It's persuasive on the surface but an excuse for Bitcoin et al to continue with business as usual. Business as usual is not sustainable. Bitcoin is a parasite. It's like a tumour sucking energy out of the body and it grows and grows to the point where it kills the host. The logical decision is to ban Bitcoin before it gets to that stage and the sooner the better.

And what idiot thought of NFT's?



46.

Gnarfle April 16, 2021 at 7:25 pm

Knee my wound at buried heart.



47.

trashtalk April 18, 2021 at 7:27 am

bump



48.

wwwpirate April 19, 2021 at 12:32 am

Waiting for Godot



o

Gnarfle April 19, 2021 at 4:05 am

Takes the wind right out of your sails, don't it?



49.

Gnarfle April 20, 2021 at 1:32 pm

The sirens are screaming and the fires are howling way down in the valley tonight.

Jim Steinman has passed. All things must pass.



o

Ronc April 20, 2021 at 8:10 pmStill Alive: https://en.wikipedia.org/wiki/Neil_Sedaka

50.

Gnarfle May 1, 2021 at 6:41 pm

Had an uncle pass at 99. He could sing a little.



51.

wikifreaks May 22, 2021 at 11:03 am

1 COMMENT

By Anonymous, May 22, 2021

1 comment:

Anonymous 22 May 2021 at 10:42

Dr Moayyad Al kamali AKA the "Tripoli Bad Grass" is known to the Russian federation as a Government employee (agent) vetted by both the FBI and CIA (who politically endorse the torture and killing of Palestinians),before he worked within US territories.Allegations made against this Doctor include espionage,torture,money laundry,sexual abuse,false imprisonment,kidnapping,extortion and connections to drug cartels.The Government (Bidens only friends) refused to comment on why one of their agents was found holding down three jobs at the same time!! one as the President of St Andrews College Alumni Association in Dublin,another as the Dead Doctor in a hospital and finally found double parked next to Mr Putins london Embassy,with over 20 Million Gross hidden in various bank accounts around the world!! Hotels are somewhat synalominous places and Emmigrating radio signals are unfortunately for Doctor Kamali in his absence hour an excepted form of evidence in court trials. THE WEDGEWOOD HOTEL IS SITUATED A 3 MINUTE WALK FROM THE RUSSIAN EMBASSY IN LONDON.MR MOAYYAD AL KAMALI is a Medical Doctor from London. This person was born in April 1967. MR MOAYYAD AL KAMALI is Irish and resident in Ireland. This company officer is, or was, associated with at least 2 company Doctors roles.Companies associated with this officer had at least £6,888,675 shareholder value and £2,434,017 cash in recent accounts.Wedgewood Hotel Management has been in this business field for at least four years. Started under 09092355, this company is classified as a Private Limited Company. there have been three directors: Mohammed Al Kamali, Moayyad Al Kamali and Majid Al Kamali.....Wikiwritz



52.

Rodge, May 22, 2021 at 11:04 am

awesome dude



53.

nerdpocalypse May 22, 2021 at 12:26 pm

Nobody has mentioned the risk of Giant Radiation Spouting Lizards coming out of the sea when the radiation is dumped. Not even Bob! Well, you heard it here first.
also, it is a miracle an earthquake hasn't dumped all the radiation already.



54.

ALBERT SMITH IRISH INDEPENDENT May 27, 2021 at 8:47 am

Albert Smith MI6 May 24, 2020 At 7:42 pm

Former Irish Independent Sub-editor Albert smith exposed himself earlier this year as a British bought journalist working (undercover) in Ireland,his own publishing company got hacked into through Yandex servers based in Russia.A group of unknown anonymous researchers claimed on various American publishing sites some time ago that Smith admitted to taking bribes from the Irish Police thats what TOR news stated – exactly that – bribes in the form of regular bank payments had been discovered being paid into bank accounts allegedly tracked and belonging to Smith,for legal reasons the bank details werent disclosed however Smiths own admittance to the affair has been documented in writing and published publicly on various Russian sites for safe keeping.

Smiths own admission of accepting money from the police is a complicated political issue.In a country with a history of political violence that goes back decades this form of self confessed espionage intel isnt simply going to go away,especially as smith is a British citizen,furthermore working for the police isnt something that is mentioned in passing and then forgotten about,later on conveniently being brushed aside under some kind of magic carpet so to speak.It is an extremely serious political matter. Now that information of this calibre is finally in the Russian public domain Smiths ill gotten gains become a statement of eventualities and more to the point inevitabilities.

The allegations derived from smiths statement go far deeper than just accepting money from the police,in so much that the next question asked is how many other journalists in the Irish Independent newspaper have also been working for the Irish police? ,There doesnt seem to be much readily available evidence in Irish political history of journalists that have ever admitted to or proven to have worked for the Gardai before and so this recent Russian Yandex Hack seems to be another break through.



55.

clove May 27, 2021 at 8:49 am

Interesting article...



56.

clare May 27, 2021 at 8:53 am<https://gerryhutchblog.wordpress.com/>

57.

ALBERT SMITH IRISH INDEPENDENT May 27, 2021 at 8:54 am

page_1

Albert Smith was assigned to search the wooded area of one of his many safe houses (knocknashee cottage) Shop River,Enniskerry Wicklow. Where Fat Freddie gang allegedly hid heroin in the wooded areas there. Garda John Heraughty and Garda Patton had the area "staked" out for hidden drugs brought at night time from Glencullen VIA Dublin.The knackers at

paire na sillogue jumped into the woods late at night and distributed the drugs in Bray town. Web sites about Albert Smith can be found at Yahoo search and Google... Albert Smith MI6... Picture above Fat "Freddie" Thompson.



58.

ALBERT SMITH IRISH INDEPENDENT May 27, 2021 at 8:56 am

While working as the Plain English Editor at NALA, I have worked with 15 government departments, the HSE, the HSA, the gardai and a wide number of private companies. As a freelance editor, I have worked with a large number of post-grad and post-doc students preparing articles for publication.



59.

Tex May 27, 2021 at 9:00 am

Good shooting wolfe



60.

DR Moayyad Al Kamali May 27, 2021 at 9:02 am

wikifreaks May 22, 2021 at 11:03 am – Reply

1 COMMENT

By Anonymous, May 22, 2021

1 comment:

Anonymous 22 May 2021 at 10:42

Dr Moayyad Al kamali AKA the "Tripoli Bad Grass" is known to the Russian federation as a Government employee (agent) vetted by both the FBI and CIA (who politically endorse the torture and killing of Palestinians), before he worked within US territories. Allegations made against this Doctor include espionage, torture, money laundry, sexual abuse, false imprisonment, kidnapping, extortion and connections to drug cartels. The Government (Biden's only friends) refused to comment on why one of their agents was found holding down three jobs at the same time!! one as the President of St Andrews College Alumni Association in Dublin, another as the Dead Doctor in a hospital and finally found double parked next to Mr Putins London Embassy, with over 20 Million Gross hidden in various bank accounts around the world!! Hotels are somewhat synalominous places and Emmigrating radio signals are unfortunately for Doctor Kamali in his absence hour an excepted form of evidence in court trials. THE WEDGEWOOD HOTEL IS SITUATED A 3 MINUTE WALK FROM THE RUSSIAN EMBASSY IN LONDON. MR MOAYYAD AL KAMALI is a Medical Doctor from London. This person was born in April 1967. MR MOAYYAD AL KAMALI is Irish and resident in Ireland. This company officer is, or was, associated with at least 2 company Doctors roles. Companies associated with this officer had at least £6,888,675 shareholder value and £2,434,017 cash in recent accounts. Wedgewood Hotel Management has been in this business field for at least four years. Started under 09092355, this company is classified as a Private Limited Company. there have been three directors: Mohammed Al Kamali, Moayyad Al Kamali and Majid Al Kamali.....Wikiwritz



61.

DR Moayyad Al Kamali May 27, 2021 at 9:03 am

By Anonymous, May 22, 2021

1 comment:

Anonymous 22 May 2021 at 10:42

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62.

[NY Legal Service](#) May 28, 2021 at 10:48 pm

Great post I would like to thank you for the efforts you have made in writing this interesting and knowledgeable article.
[Court Reporters Staten Island](#)



63.

[Lawyer Esq.](#) May 31, 2021 at 11:30 pm

Excellent website you have here, so much cool information. Thanks!
[Legal Consultation Available](#)

64. [10 years later Fukushima Daiichi still melts down my heart – The Bitstream](#) July 4, 2021 at 5:28 am

[...] Robert X. Cringely 2021.07.04 3 min read 1 [...]

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