

Rudi Giesler | Principal Engineer



@rudigiesler

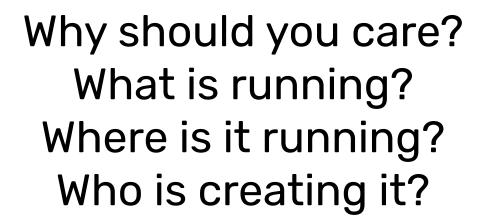


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REACH

Health made possible





Caveats

THE GLOBAL GOALS

For Sustainable Development





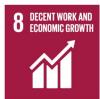


























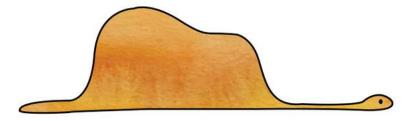




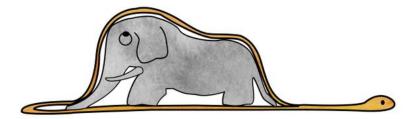


Trends: ↑ On track or maintaining SDG achievement > Moderately improving > Stagnating ◆ Decreasing • Trend information unavailable

Green coding is an environmentally sustainable computing practice, seeking to minimise the environmental impact of software

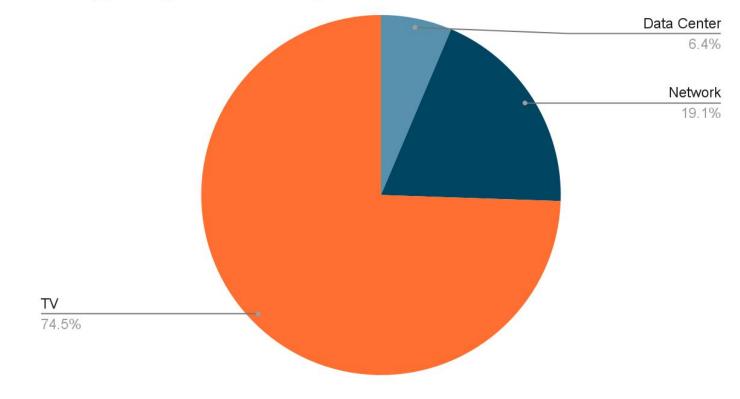


"My drawing was not a picture of a hat."
It was a picture of a boa constrictor digesting an elephant."

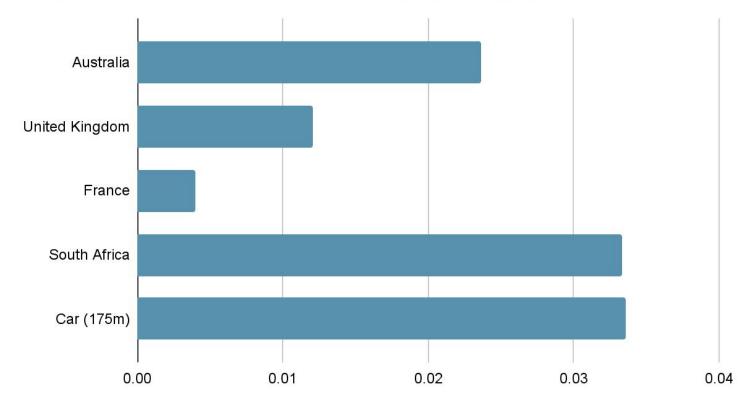


Measure Algorithms and Data Structures Caching Libraries pythonspeed.com

Energy usage of streaming Netflix



CO2e emissions for 30 minutes of a Netflix show



	Where is it running?
U.S. East (Northern Virginia)	
	Europe (Milan)
GovCloud (U.S. East)	
	Europe (Paris)
U.S. East (Ohio)	Europe (Stockholm)
U.S. West (Oregon)	Europe (Glockholill)
C.C. West (Gregori)	Europe (Spain)
GovCloud (U.S. West)	
	Europe (Zurich)
U.S. West (Northern California)	
	Asia-Pacific (Mumbai)
Canada (Central)	Asia-Pacific (Hyderabad)
Europe (Ireland)	Asia-i acine (Hyderabad)
Europe (ileiana)	China (Beijing)
Europe (Frankfurt)	
	China (Ningxia)
Europe (London)	
	https://sustainability.aboutamazon.com/products-services/the-cloud

REACHDIGITALHEALTH.ORG

The New Hork Times

When One Almond Gulps 3.2 Gallons of Water



Home & garden Women Men Family

May 13, 2023

Shortcuts Food

Almond milk: quite good for you - very bad for the planet

In The Midst Of Drought, California Farmers Used More Water For Almonds



How much more water does almond milk require to produce compared to cow's milk?

A. 3.9

B. 1.8

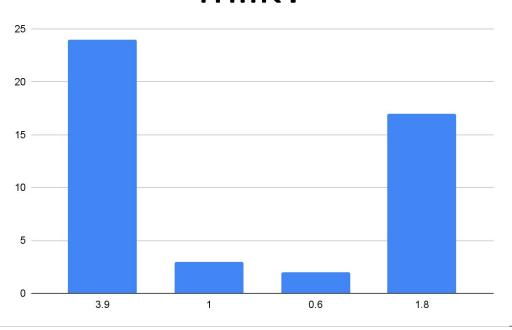
C. 1.0

D. 0.6





How much more water does almond milk require to produce compared to cow's milk?



"A vegan diet is probably the single biggest way to reduce your impact on planet Earth, not just greenhouse gases, but global acidification, eutrophication, land use and water use."

What - Measure, algorithms, PyPy Where - Server regions, user devices Who - Estimate, start with biggest

Thank you

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