







**Responsibility**  
**Simplicity**  
**Sustainability**

my



2023

Thank you! ❤️ ❤️ ❤️



# Responsibility



AP 0





This is my Family



**My  
Responsibility  
is to care for  
them!**





This is our world

Fisterra, Galicia, España



**Our  
Responsibility  
is to care for  
her!**





# This is what we love to do!

```
      frozen_string_literal: true

      require "rails"
      require "action_cable"
      require "active_support/core_ext/hash/indifferent_access"

      module ActionCable
        class Engine < Rails::Engine # :nodoc:
          config.action_cable = ActiveSupport::OrderedOptions.new
          config.action_cable.mount_path = ActionCable::INTERNAL[:default_mount_path]
          config.action_cable.precompile_assets = true

          initializer "action_cable.deprecator", before: :load_environment_config do |app|
            app.deprecators[:action_cable] = ActionCable.deprecator
          end

          initializer "action_cable.helpers" do
            ActiveSupport.on_load(:action_view) do
              include ActionCable::Helpers::ActionCableHelper
            end
          end

          initializer "action_cable.logger" do
            ActiveSupport.on_load(:action_cable) { self.logger ||= ::Rails.logger }
          end

          initializer "action_cable.asset" do
            config.after_initialize do |app|
              if app.config.respond_to?(:assets) && app.config.action_cable.precompile_assets
                app.config.assets.precompile += %w( actioncable.js actioncable.esm.js )
              end
            end
          end
        end
      end
    end
  end
end
```



**Our  
Responsibility  
is multilayered  
in various  
fields!**







**Some Examples**



**People**

Helpfulness

Inclusiveness

Diversity

Empathy

Mentorship

Guidance

Role Model



# AI

Health equity is viewed as a necessary aim for achieving high-value health care (1). It has also been pegged as a core aim of U.S. federal, local, and private health policy initiatives (2, 3). Despite these initiatives, systemic disparities, especially across racial and ethnic groups, continue to exist (3, 4). One concern regarding health equity is clinical algorithms' role in exacerbating such disparities (5–7). Specifically, the President's Big Data Working Group in 2014 (8) raised concern about **“algorithmic discrimination” as an unintentional outcome of how big data technologies and structures are used that can potentially encode discrimination in automated or humanistic decisions. The recent empirical literature has shown that algorithmic discrimination is present in various sectors outside of health, where algorithms are used to guide decision-making.** These areas include judicial practices (9–11), hiring and promotion decisions (12), and customs and border protection (13).



# Infrastructure

“We value independence above all else.  
We serve the internet.  
We spend our money wisely.  
We lead the way.  
We seek adventure.”

Source: Five values guiding our cloud exit  
<https://world.hey.com/dhh/five-values-guiding-our-cloud-exit-638add47>

Do you need Kubernetes?

Do you need AWS, GCP ... ?

“In round numbers, let's call it saving a million and a half dollars per year. Put aside half a million to unforeseen expenses over the period, and that's still **SEVEN MILLION DOLLARS SAVED OVER FIVE YEARS!!**”

Source: We stand to save \$7m over five years from our cloud exit  
<https://world.hey.com/dhh/we-stand-to-save-7m-over-five-years-from-our-cloud-exit-53996caa>

Do you need Microservices?



# Data Security

SoundStorm:  
Efficient Parallel Audio Generation



Source: <https://google-research.github.io/seanet/soundstorm/examples/?s=09>





**Rethink and  
always show  
Responsibility  
for what you  
do!**





Simplicity

**RADI CAL SI MPLI CITY**



# The Problem

**“As developers we love complexity. We create complexity with SPAs, Vue/React, Transpiling, Typescript, Babel, Webpack, PureCSS, GraphQL, JSON, and on the backend with microservices, protobuf, Kafka, InfluxDB, or NoSQL databases. This complexity is accidental and not in the problem domain. This complexity slows us down and makes development tiresome. This complexity leads to shallow domains. Radical Simplicity makes development fast and joyful again.”**

Source: <https://www.radicalsimpli.city/>

# The Solution

“Radical Simplicity means **having as few components and moving parts as possible**. Reuse technology for different purposes instead of having a new moving part for each purpose. **Instead** of using Postgres **(1)** as a database, Druid **(2)** for an event store, Redis **(3)** for caching, Rabbit MQ **(4)** as a message queue and Elastic **(5)** for fulltext search, use a hosted Postgres **(1)** as a database, for fulltext search, html caching, publish/subscribe, and an event store with TimescaleDB **(1,5)**. This enables us to have deeper knowledge, move faster, have faster onboarding of new developers, have fewer things that can break, no upgrade planning for dozens of frameworks and components, and more developer happiness. ”

Source: <https://www.radicalsimpli.city/>



**We tend to use  
too many tools  
and fall into the  
toolerities trap.**





**Rethink and  
always avoid  
unnecessary  
complexity!**







# Sustainability

Let's combine **Responsibility**  
and **Simplicity** to create

*Sustainability*



# Facts

1. Using **a lot of tools** needs us to use **a lot of servers or services**. This means **a lot of costs** and **energy** usage.
2. Creating complex software takes **a lot longer**. This means **higher costs** and **energy** usage.
3. Training Machine Learning / AI Models is consuming **a lot of energy**.

**This gives rise to a  
number of tasks for us**



**Be**

***Responsible*** in resource usage

**by**

achieving the goal of **Simplicity**

**to**

create things in a **Sustainable** way

# Takeaway





**Responsibility**

**Simplicity**

**Sustainability**

# I want to live in a world that is worth living in!





# How about you?





Thank you  
very much!









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**You  
Are  
We**

youarewe.eu